



101	123.8	7.1	3116	5	PCT-US95-04681-14	Sequence 14, Appl
102	123.8	7.1	3348	1	US-08-222-616-34	Sequence 34, Appl
103	123.8	7.1	3348	3	US-08-446-648-34	Sequence 34, Appl
104	123.8	7.1	3348	4	US-09-982-610-34	Sequence 34, Appl
105	123.8	7.1	3348	5	PCT-US95-04228-34	Sequence 34, Appl
106	123.4	7.1	410	3	US-08-604-991-11	Sequence 11, Appl
107	123.4	7.1	410	3	US-09-363-639-11	Sequence 11, Appl
108	123.4	7.1	2065	3	US-08-335-8650-8	Sequence 8, Appl
109	123.2	7.1	3805	4	US-09-220-132-9	Sequence 9, Appl
110	123.2	7.0	2310	1	US-08-471-570-9	Sequence 9, Appl
111	122.6	7.0	2676	1	US-08-451-822A-15	Sequence 15, Appl
112	122.6	7.0	3416	2	US-08-323-430-15	Sequence 15, Appl
113	122.6	7.0	3416	3	US-09-676-610B-24	Sequence 24, Appl
114	122.6	7.0	16998	4	US-09-877-177A-10	Sequence 2, Appl
115	121.4	7.0	197496	4	US-08-286-305A-2	Sequence 2, Appl
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118	121.4	7.0	2742	3	US-09-417-381A-2	Sequence 1, Appl
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120	121.4	7.0	3611	3	US-08-170-558-1	Sequence 1, Appl
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123	121.4	7.0	3611	3	US-08-162-809-1	Sequence 1, Appl
124	120	6.9	4508	5	PCT-US93-06251-34	Sequence 34, Appl
125	120	6.9	2820	1	US-08-162-809-5	Sequence 5, Appl
126	119.8	6.8	2674	3	US-09-817-180-1	Sequence 1, Appl
127	118.6	6.8	2674	4	US-10-003-295-1	Sequence 1, Appl
128	118.6	6.8	4322	4	US-08-673-789-1	Sequence 1, Appl
129	118	6.7	3992	4	US-09-944-807-9	Sequence 9, Appl
130	117.2	6.7	4049	1	US-08-162-809-17	Sequence 17, Appl
131	116.8	6.7	4097	1	US-08-162-809-11	Sequence 11, Appl
132	116.8	6.7	4529	2	US-08-449-645A-16	Sequence 16, Appl
133	116.8	6.7	4529	2	US-08-702-367A-16	Sequence 16, Appl
134	116.8	6.7	4529	5	PCT-US95-04681-16	Sequence 16, Appl
135	116.8	6.7	3776	1	US-08-162-809-7	Sequence 7, Appl
136	115.6	6.6	3321	4	US-09-866-510-21	Sequence 21, Appl
137	115.6	6.6	3845	2	US-08-220-240A-4	Sequence 4, Appl
138	115	6.6	3321	4	US-09-866-510-13	Sequence 13, Appl
139	114	6.6	3321	4	US-09-866-510-15	Sequence 15, Appl
140	114	6.6	3321	4	US-09-866-510-17	Sequence 17, Appl
141	114	6.6	4465	1	US-08-180-195-1	Sequence 1, Appl
142	114	6.6	4465	1	US-08-477-329-1	Sequence 1, Appl
143	114	6.6	4465	2	US-08-475-458-1	Sequence 1, Appl
144	114	6.6	4465	3	US-08-980-400-1	Sequence 1, Appl
145	114	6.6	4465	3	US-09-583-459A-1	Sequence 1, Appl
146	114	6.6	4465	3	US-09-583-210-1	Sequence 1, Appl
147	114	6.6	4465	3	US-09-583-449A-1	Sequence 1, Appl
148	114	6.6	4465	3	US-09-435-059-1	Sequence 1, Appl
149	114	6.6	5427	1	US-08-168-917-1	Sequence 1, Appl
150	114	6.6				

ALIGNMENTS

RESULT 1  
 US-08-625-101-1  
 ; Sequence 1, Application US/08625101  
 ; Patent No. 5869445  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cheever, Martin A.  
 ; TITLE OF INVENTION: Dists, Mary L.  
 ; TITLE OF INVENTION: COMPOUNDS FOR ELICITING OR ENHANCING IMMUNE  
 ; TITLE OF INVENTION: REACTIVITY TO HER-2/neu PROTEIN FOR PREVENTION  
 ; TITLE OF INVENTION: OR TREATMENT OF MALIGNANCIES IN WHICH THE HER-2/neu  
 ; TITLE OF INVENTION: ONCOGENE IS ASSOCIATED  
 ; NUMBER OF SEQUENCES: 4  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SEED and BERRY LLP  
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue  
 ; CITY: Seattle  
 ; STATE: Washington  
 ; COUNTRY: USA

ZIP: 98104-7092  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/625,101  
 FILING DATE: 01-APR-1996  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Sharkey, Richard G.  
 REGISTRATION NUMBER: 32,629  
 REFERENCE/DOCKET NUMBER: 920010.448C7  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEFAX: (206) 682-6031  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3768 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..3765  
 US-08-625-101-1

Query Match 100.0%; Score 1740; DB 2; Length 3768;

Best local Similarity 100.0%; Pred. No. 0;

Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY	121	AAAGACGCGAGCTGAGAGAGTGAAGTCTGATCTGCGCTTTTGGACAGTCTAC	180
DB	2146	AAAGACGCGAGCTGAGAGAGTGAAGTCTGATCTGCGCTTTTGGACAGTCTAC	2205
QY	181	AAGGCGATCTGATCTCTGATGCGGAGATGTGAATAATTCAGTGGCATCAAGTTTG	240
DB	2206	AAGGCGATCTGATCTCTGATGCGGAGATGTGAATAATTCAGTGGCATCAAGTTTG	2265
QY	241	AGGGAACACATCCCGCAAGGCAACAAAGAAATCTTGAAGAGATACGATGGCT	300
DB	2266	AGGGAACACATCCCGCAAGGCAACAAAGAAATCTTGAAGAGATACGATGGCT	2325
QY	301	GGTGTGGGCTCCCATATGCTCCCGCTTCTGGGATGCTGCATCCAGCGTGAC	360
DB	2326	GGTGTGGGCTCCCATATGCTCCCGCTTCTGGGATGCTGCATCCAGCGTGAC	2385
QY	361	CTGTGTGACACAGCTTATGCTGCTGCTCTTGAACCATGTCCGGGAAACCGCGGA	420
DB	2386	CTGTGTGACACAGCTTATGCTGCTGCTCTTGAACCATGTCCGGGAAACCGCGGA	2445
QY	421	CGCTGTGGCTCCAGAGACCTGCTGAACCTGTGTATGAGATTGCCAAGGGAGAGTAC	480
DB	2446	CGCTGTGGCTCCAGAGACCTGCTGAACCTGTGTATGAGATTGCCAAGGGAGAGTAC	2505
QY	481	CTGAGAGATGTGGGCTGCTGACAGAGGACTTGGCGCTGGAACGCTGTCAAGAGT	540
DB	2506	CTGAGAGATGTGGGCTGCTGACAGAGGACTTGGCGCTGGAACGCTGTCAAGAGT	2565
QY	541	CCCAACCATGTCAAAATTACAGACTTCCGGCTGCTGCTGCTGACATTGACAGACA	600
DB	2566	CCCAACCATGTCAAAATTACAGACTTCCGGCTGCTGCTGCTGACATTGACAGACA	2625
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Db	2626	GAGTACCATGCAGATGGGGGCAAGGTGCCAATCAAGTGGATGGGCTGGAGTCCATTCTC	2685
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Db	2686	CGCCGGCGGTTCACCCAACAGATGTGTGGAAGTTATGCTGTACTGTGTGGAGACTG	2745
Qy	721	ATGACTTTGGGGCAAACTTACGATGGGATCCAGGCCGGGGAGATCCCTGACCTGTGT	780
Db	2746	ATGACTTTGGGGCAAACTTACGATGGGATCCAGGCCGGGGAATCCCTGACCTGTGT	2805
Qy	781	GAAAGGGGGAGCGGCTGCCAGCCCCCACTGTGCACATTTGATGTCTACATGATCATG	840
Db	2806	GAAAGGGGGAGCGGCTGCCAGCCCCCACTGTGCACATTTGATGTCTACATGATCATG	2865
Qy	841	GTCAAATGTTGATGATTTGACTCTGAAATGTGGCCCAAGATTTCCGGAGTTGATCTGAA	900
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Qy	961	CCAGCCAGTCCCTTTGGACAGCACTTTCACGCGTCATCGCTGAGAGGAGATGACATGGGG	1020
Db	2986	CCAGCCAGTCCCTTTGGACAGCACTTTCACGCGTCATCGCTGAGAGGAGATGACATGGGG	3045
Qy	1021	GACCTGTGTGATGCTGAGAGATATCTGTGTAACCCAGAGAGGCTTTCTGTGTCAAGACCT	1080
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Qy	1201	GCACCTTCCGAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTTGGGAAATGGGGGAGCC	1260
Db	3226	GCACCTTCCGAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTTGGGAAATGGGGGAGCC	3285
Qy	1261	AAGGGGCTGCAGAACCTTCCCAACATGAGCCCAAGCCCTCTACAGCGGTACAGTGAAGAC	1320
Db	3286	AAGGGGCTGCAGAACCTTCCCAACATGAGCCCAAGCCCTCTACAGCGGTACAGTGAAGAC	3345
Qy	1321	CCCAACAGTACCCCTGCGCCCTCTTGACACTGATGGCTACTGTGGCCCCCTTACCTGCAGCCCC	1380
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Db	3406	CAGCCTGAAATGTGTGAACACAGCACAGATGTTGGGCCCCAGGCCCTTGGCCCCGAGAGGGC	3465
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Db          3706 ACCTCAAGGAGCACCCTGACGGCAGAGAACCCAGATGACTCTGGACTGGACAGTGC 3765

RESULT 2
US-08-356-786-1
; Sequence 1, Application US/08356786
; Patent No. 5877305
GENERAL INFORMATION:
APPLICANT: Huston, James S.
APPLICANT: Oppermann, Hermann
APPLICANT: Houston, L. L.
APPLICANT: Ring, David B.
TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Edmund R. Pitcher, Teesta, Hurwitz, & Thibault
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,786
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/831,967
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3768 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..3768
OTHER INFORMATION: /note= "cemb-b2"
US-08-356-786-1

Query Match          100.0%; Score 1740; DB 2; Length 3768;
Best Local Similarity 100.0%; Pired. No. 0;
Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AAGGAGCGGACGACGAGAGATTCGGAAGTACACCGATGGGAGAGACTGCTGCAGAGAAACGAG 60
Db      2026 AAGGAGCGGACGACGAGAGATTCGGAAGTACACCGATGGGAGAGACTGCTGCAGAGAAACGAG 2085B
QY      61 CTGGTGGAGCGCGCTGACACCTGATGGGAGCGATGGCCAAACGAGCGCAGATCGGATCCTG 120
Db      2086 CTGGTGGAGCGCGCTGACACCTGATGGGAGCGATGGCCAAACGAGCGCAGATCGGATCCTG 2145B
QY      121 AAAGAGACGAGAGCTGAGAAAGGTAAAGTGTGGATCTGGCGCTTTTGGCAGAGTCTAC 180
Db      2146 AAAGAGACGAGAGCTGAGAAAGGTAAAGTGTGGATCTGGCGCTTTTGGCAGAGTCTAC 2205B
QY      181 AAGGCACTTCGATCCCTGATGAGGGAGAAATGTGAAAATTTCCAGTGGCCATCAAGTGTG 240
Db      2206 AAGGCACTTCGATCCCTGATGAGGGAGAAATGTGAAAATTTCCAGTGGCCATCAAGTGTG 2265B

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QY 1 AAGGACGCGAGCAGAAAGATCCGGAAGTACAGATGCGGAGACTGCTGCAGAGAAACGAG 60  
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QY 241 AAGGAAAAACATCCCAAGCAACCAAGAAATCTTACAGAAAGCATAGTGTGCT 300  
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DB GAAAAAGGAGAGCGGCTGCGCCAGCCCACTGACCATGATGCTGATCATGATCATG 3039  
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DB GTCAAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3099  
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QY 961 CCAGCCAGTCCCTTGAACAGCAGCTTCTACCGCTCACTGAGAGAGAGATGAGAG 1020  
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QY 1021 GACCTGTGATGCTGAGAGATATGATGATGATGATGATGATGATGATGATGATGAT 1080  
DB GACCTGTGATGCTGAGAGATATGATGATGATGATGATGATGATGATGATGATGAT 3279

QY 1081 GCCCGGCGCTGAGGAGATGCTACACACAGGACCGCAGCTATCTACAGAGTGGC 1140  
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QY 1141 GGTGGGAGCTGACATGAGGCTGAGGCTGAGGCTGAGGAGGAGGAGGAGGAGGAGG 1200  
DB GGTGGGAGCTGACATGAGGCTGAGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGG 3399  
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QY 1321 CCACAGTACCCCTGCTGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTG 1380  
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QY 1381 CAGCCTGAATGATGAAACAGCAGATGCTGAGCCAGCCCTGCTGCTGCTGCTGCTG 1440  
DB CAGCCTGAATGATGAAACAGCAGATGCTGAGCCAGCCCTGCTGCTGCTGCTGCTG 3639  
QY 1441 CTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
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QY 1501 GGGAGAAATGAGGCTGCTCAAGAGCTTTTGGCTTTGGGAGTGGCTGAGAAACCGGAG 1560  
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QY 1561 TACTTGAACCCCGAGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620  
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RESULT 4  
US-09-056-105-26  
; Sequence 26, Application US/09056105  
; Patent No. 6287569  
; GENERAL INFORMATION:  
; APPLICANT: KIPPS, THOMAS J.  
; APPLICANT: MU, YUNQI  
; TITLE OF INVENTION: VACCINES WITH ENHANCED INTRACELLULAR  
; FILE REFERENCE: 233/221  
; CURRENT APPLICATION NUMBER: US/09/056, 105  
; EARLIER FILING DATE: 1998-04-06  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 26  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-056-105-26

Query Match 100.0%; Score 1740; DB 3; Length 4473;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 2980 GAAAAGGGGAGCGGCTGCCCAAGCGCCCATCTGACCATTTGATGTCTACATGATCATG 3039  
QY 841 GTCAAAATGTTGATGATTTGACTCTGAATGTGCGGCAAGATTTCCGGGAGTTGGTCTGAA 900  
Db 3040 GTCAAAATGTTGATGATTTGACTCTGAATGTGCGGCAAGATTTCCGGGAGTTGGTCTGAA 3099  
QY 901 TTCTCCCGCATGGGCAAGGAGCCCGGCGCTTTGTGTCATTCAGAAATGAGGACTTGGGCG 960  
Db 3100 TTCTCCCGCATGGGCAAGGAGCCCGGCGCTTTGTGTCATTCAGAAATGAGGACTTGGGCG 3159  
QY 961 CCAAGCAGTCCCTTGAACAGACCTTCTACCGGCTCACTGCTGAGAGAGATGACATGGAG 1020  
Db 3160 CCAAGCAGTCCCTTGAACAGACCTTCTACCGGCTCACTGCTGAGAGAGATGACATGGAG 3219  
QY 1021 GACCTGTGATGCTGAGAGATTTGTGTACCCCAAGAGGGCTTTCTTGTCCAAGACCT 1080  
Db 3220 GACCTGTGATGCTGAGAGATTTGTGTACCCCAAGAGGGCTTTCTTGTCCAAGACCT 3279  
QY 1081 GCCCGGGGCGCTGGGGGCAATGTCCACCAAGGCAACCGGACCTCATTCACAGAGTGGC 1140  
Db 3280 GCCCGGGGCGCTGGGGGCAATGTCCACCAAGGCAACCGGACCTCATTCACAGAGTGGC 3339

QY 1141 GGTGGGAGCTTGACACTAGGGCTTGAAGCCCTCTGAAAGGAGGCCCCAGGTCTCACTG 1200  
Db 3340 GGTGGGAGCTTGACACTAGGGCTTGAAGCCCTCTGAAAGGAGGCCCCAGGTCTCACTG 3399  
QY 1201 GCAACCTCCGAAGGGGCTGGCTCCAGATGATTTTGAATGTGTACCTGGGAAATGGGGGAGCC 1260  
Db 3400 GCAACCTCCGAAGGGGCTGGCTCCAGATGATTTTGAATGTGTACCTGGGAAATGGGGGAGCC 3459  
QY 1261 AAGGGGCTGAAAGCCCTCCCAACATGACCCCAAGCCCTCTAGAGCGGTACAGTAGAGAC 1320  
Db 3460 AAGGGGCTGAAAGCCCTCCCAACATGACCCCAAGCCCTCTAGAGCGGTACAGTAGAGAC 3519  
QY 1321 CCAACAGTACCCCTGCTGCTGAGACTGATGCTAGCTTGCTCCCTGACCTGACGCCCC 1380  
Db 3520 CCAACAGTACCCCTGCTGCTGAGACTGATGCTAGCTTGCTCCCTGACCTGACGCCCC 3579  
QY 1381 CAGCTGAAATATGTGAACCAAGCCAGATGTTCCGAGCCCCCCTTCCGCCGAGAGGGC 1440  
Db 3580 CAGCTGAAATATGTGAACCAAGCCAGATGTTCCGAGCCCCCCTTCCGCCGAGAGGGC 3639  
QY 1441 CCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3640 CCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3699  
QY 1501 GGGAGAAATGGGGTGGTCAAAAGAGTTTGGCTTTGGGGGTGCGGTGAGAAACCCGAG 1560  
Db 3700 GGGAGAAATGGGGTGGTCAAAAGAGTTTGGCTTTGGGGGTGCGGTGAGAAACCCGAG 3759  
QY 1561 TACTTGACACCCCAAGGAGAGAGTGGCCCTCAGACCCCACTCTCTGCTTCAAGCCCA 1620  
Db 3760 TACTTGACACCCCAAGGAGAGAGTGGCCCTCAGACCCCACTCTCTGCTTCAAGCCCA 3819  
QY 1621 GCCTTGACACCACTCTATTACTGGAACAGAACCCCAAGAGGGGGGCTCCACCGAGC 1680  
Db 3820 GCCTTGACACCACTCTATTACTGGAACAGAACCCCAAGAGGGGGGCTCCACCGAGC 3879  
QY 1681 ACCTTCAAAAGGAGCACCTACGAGAGAAACCAAGATACCTGGGTCTGACGTCAGTG 1740  
Db 3880 ACCTTCAAAAGGAGCACCTACGAGAGAAACCAAGATACCTGGGTCTGACGTCAGTG 3939

RESULT 5  
US-09-663-834A-3  
; Sequence 3, Application US/09663834A  
; Patent No. 6613567  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Coweert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-2 EXPRESSION  
; FILE REFERENCE: RTS-0033  
; CURRENT APPLICATION NUMBER: US/09/663, 834A  
; CURRENT FILING DATE: 2000-09-15  
; NUMBER OF SEQ ID NOS: 48  
; SEQ ID NO 3  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (175)...(3942)  
US-09-663-834A-3

Query Match 100.0%; Score 1740; DB 4; Length 4473;  
Best Local Similarity 100.0%; Pred No. 0;  
Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAGCGACGGCAGCAGAAAGATCCGGAAGTACAGCATGCGGAGACTGCTGAGAGAAACGGAG 60  
Db 2200 AAGCGACGGCAGCAGAAAGATCCGGAAGTACAGCATGCGGAGACTGCTGAGAGAAACGGAG 2259  
QY 61 CTGGTGGAGCCGCTGACACCTAGCGGAGCGATGCCAAACGAGCGCGAGATGCCATCTG 120

Db 2260 CTGGTGAAGCCGCTGACACTAGCGAGCATGCCAACAGGCCGACATGCGGATCCTG 2319  
Qy 121 AAAGAGCGAGCTGAGGAGGATGAAGGTGCTTGGATCTGGCGCTTTTGGCAGACTTAC 180  
Db 2320 AAAGAGCGAGCTGAGGAGGATGAAGGTGCTTGGATCTGGCGCTTTTGGCAGACTTAC 2379  
Qy 181 AAGGCGATCTGGATCTCTGATGGGAGAAATGTGAATAATCCAGTGGCCATCAAGTGTG 240  
Db 2380 AAGGCGATCTGGATCTCTGATGGGAGAAATGTGAATAATCCAGTGGCCATCAAGTGTG 2439  
Qy 241 AAGGAAAACACATCCCCCAAGGCCAACAAAGAAATCTTAGAGAGCATACTGATGCT 300  
Db 2440 AAGGAAAACACATCCCCCAAGGCCAACAAAGAAATCTTAGAGAGCATACTGATGCT 2499  
Qy 301 GGTGTGGGCTCCCATATGTCTCCGCGCTTCTGGGCATCTGCTGACATCCAGGTGAG 360  
Db 2500 GGTGTGGGCTCCCATATGTCTCCGCGCTTCTGGGCATCTGCTGACATCCAGGTGAG 2559  
Qy 361 CTGTGACACAGCTTATGCTGCTGCTCTTGAACCATGTCGGGAAAAACCGCGGA 420  
Db 2560 CTGTGACACAGCTTATGCTGCTGCTCTTGAACCATGTCGGGAAAAACCGCGGA 2619  
Qy 421 CGCGTGGGCTCCAGGAGCTGCTGAACTGTGTATGCAAGTTGCCAAGGGAGTAGCTAC 480  
Db 2620 CGCGTGGGCTCCAGGAGCTGCTGAACTGTGTATGCAAGTTGCCAAGGGAGTAGCTAC 2679  
Qy 481 CTGAGAGATGTGCGGCTGTAACAAGGACTTGGCGCTGGAACTGCTGTGTAAGAGT 540  
Db 2680 CTGAGAGATGTGCGGCTGTAACAAGGACTTGGCGCTGGAACTGCTGTGTAAGAGT 2739  
Qy 541 CCCAACATGTCAAAATTAACAAGCTTGGGCTGGCTGGCTGCTGAGACATTTGACGAGA 600  
Db 2740 CCCAACATGTCAAAATTAACAAGCTTGGGCTGGCTGGCTGCTGAGACATTTGACGAGA 2799  
Qy 601 GAGTACCATGACAGATGGGGGCAAGGTGCCCATCAAGTGTGAGTGGCTGAGTCAATTTG 660  
Db 2800 GAGTACCATGACAGATGGGGGCAAGGTGCCCATCAAGTGTGAGTGGCTGAGTCAATTTG 2859  
Qy 661 CGCGGCGGCTTCAACCCACAGAGTATGTGTGAAGTTATGTGTGACTGTGTGGAGCTG 720  
Db 2860 CGCGGCGGCTTCAACCCACAGAGTATGTGTGAAGTTATGTGTGACTGTGTGGAGCTG 2919  
Qy 721 ATGACTTTTGGGGCCAAACCTTACAGTGGATCCAGCCGGGAGATCCCTGACCTGTG 780  
Db 2920 ATGACTTTTGGGGCCAAACCTTACAGTGGATCCAGCCGGGAGATCCCTGACCTGTG 2979  
Qy 781 GAAAAAGGGGAGCGGCTGCCCAAGCCCCCATCTGACCATTTGATGTCTACATGATCATG 840  
Db 2980 GAAAAAGGGGAGCGGCTGCCCAAGCCCCCATCTGACCATTTGATGTCTACATGATCATG 3039  
Qy 841 GTCAAAATGTGGATGATTGACTCTGATGTGGGCAAGATTCGGGAGATGGTGTCTGAA 900  
Db 3040 GTCAAAATGTGGATGATTGACTCTGATGTGGGCAAGATTCGGGAGATGGTGTCTGAA 3099  
Qy 901 TTCTCCGCATGCGCAGGAGCCCCAGCGCTTTGTGTATCTCAGATAGAGGACTTGGGC 960  
Db 3100 TTCTCCGCATGCGCAGGAGCCCCAGCGCTTTGTGTATCTCAGATAGAGGACTTGGGC 3159  
Qy 961 CCAGCCAGTCCCTTGGACAGCACTTCTACCGCTCAGCTGCTGAGAGAGATGAGGAG 1020  
Db 3160 CCAGCCAGTCCCTTGGACAGCACTTCTACCGCTCAGCTGCTGAGAGAGATGAGGAG 3219  
Qy 1021 GACCTGTGTGATGCTGAGAGATGTGGTATCCCGAGAGGGGTTCTTGTGTCAAACTT 1080  
Db 3220 GACCTGTGTGATGCTGAGAGATGTGGTATCCCGAGAGGGGTTCTTGTGTCAAACTT 3279  
Qy 1081 GCCCGGGGCGCTGGGGGAGATGTCTCACAAGGCAACGAGCTCACTTACAGAGAGTGGC 1140  
Db 3280 GCCCGGGGCGCTGGGGGAGATGTCTCACAAGGCAACGAGCTCACTTACAGAGAGTGGC 3339  
Qy 1141 GGTGGGAGCTGACACTAGGGCTGAGGCTCTTGAAGAGAGAGCCCGAGGTCTTCACTG 1200  
Db 3340 GGTGGGAGCTGACACTAGGGCTGAGGCTCTTGAAGAGAGAGCCCGAGGTCTTCACTG 3399

Qy 1201 GCACCTCCGAAGGGGCTGGCTCCGATGTATTGTATGTGACCTGGGAATGGGGCAGGC 1260  
Db 3400 GCACCTCCGAAGGGGCTGGCTCCGATGTATTGTATGTGACCTGGGAATGGGGCAGGC 3459  
Qy 1261 AAGGGGCTGCAAGGCTCTCCCAACATGACCCCAACCTCTTACAGCGGTACATGAGAC 1320  
Db 3460 AAGGGGCTGCAAGGCTCTCCCAACATGACCCCAACCTCTTACAGCGGTACATGAGAC 3519  
Qy 1321 CCACAGTACCCCTGCTGAGCTGATGGCTGATGGCCCTTGCCTGACCTGACGAGCC 1380  
Db 3520 CCACAGTACCCCTGCTGAGCTGATGGCTGATGGCCCTTGCCTGACCTGACGAGCC 3579  
Qy 1381 CAGCTGAATATGTGAACCAAGCAGATGTGGCCCAAGCCCTTTCGCCCGAGAGGAC 1440  
Db 3580 CAGCTGAATATGTGAACCAAGCAGATGTGGCCCAAGCCCTTTCGCCCGAGAGGAC 3639  
Qy 1441 CCTGTGCTGCTGCCCACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3640 CCTGTGCTGCTGCCCACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3699  
Qy 1501 GGGAGAAATGGGGTGTCAAAAGAGTCTTGTGCTTGGGGGTGCGGTGAGAACCCGAG 1560  
Db 3700 GGGAGAAATGGGGTGTCAAAAGAGTCTTGTGCTTGGGGGTGCGGTGAGAACCCGAG 3759  
Qy 1561 TACTTGACACCCAGGAGGAGCTGCCCTGAGCCCAACCTCTCTGCTTCAAGCCCA 1620  
Db 3760 TACTTGACACCCAGGAGGAGCTGCCCTGAGCCCAACCTCTCTGCTTCAAGCCCA 3819  
Qy 1621 GCCTTGCACAACTTATTACTGAGCAAGAACCCACAGAGCGGGGCTTCAACCCAGC 1680  
Db 3820 GCCTTGCACAACTTATTACTGAGCAAGAACCCACAGAGCGGGGCTTCAACCCAGC 3879  
Qy 1681 ACCTTCAAGGGAGCACTTACCGGAGAGAACCCAGATCTGGGCTGGAAGTGTGCAAGT 1740  
Db 3880 ACCTTCAAGGGAGCACTTACCGGAGAGAACCCAGATCTGGGCTGGAAGTGTGCAAGT 3939

RESULT 6  
US-09-441-411-5  
; Sequence 5, Application US/09441411  
; Patent No. 6734172  
; GENERAL INFORMATION:  
; APPLICANT: Scholler, Nathalie B.  
; APPLICANT: Disis, Mary L.  
; APPLICANT: Hellstrom, Inggerd  
; TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN VACCINES  
; FILE REFERENCE: 730033.409  
; CURRENT FILING DATE: 1999-11-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-441-411-5

Query Match 100.0%; Score 1740; DB 4; Length 4473;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 AAGCGACGGCAGCAGAAATCCGGAAGTACAGATGCCGAGACTGCTCAAGAAACGAG 60  
Db 2200 AAGCGACGGCAGCAGAAATCCGGAAGTACAGATGCCGAGACTGCTCAAGAAACGAG 2259  
Qy 61 CTGTGTAGCGGCTGACACTAGCGAGAGTCCCAACAGGCGCAGATGGATCTCTG 120  
Db 2260 CTGTGTAGCGGCTGACACTAGCGAGAGTCCCAACAGGCGCAGATGGATCTCTG 2319  
Qy 121 AAAGAGCGAGCTGAGGAGGATGAGTGTGCTTGGATCTGGCGCTTTTGGACAGTCTAC 180

Db 2320 AAAAGACGAGCTGAGGAAGTGAAGTGTGATCTGGCGCTTTTGGCAGAGCTTAC 2379  
Qy 181 AAGGCGATCTGGATCCCTGATGCGGAGAAATGAAAAATTCAGTGCCCATCAAGTGTG 240  
Db 2380 AAGGCGATCTGGATCCCTGATGCGGAGAAATGAAAAATTCAGTGCCCATCAAGTGTG 2439  
Qy 241 AAGGAAAAACATCCCCCAAGCCAAACAAGAAATCTTGAAGCAAGCACTAGTATGGCT 300  
Db 2440 AAGGAAAAACATCCCCCAAGCCAAACAAGAAATCTTGAAGCAAGCACTAGTATGGCT 2499  
Qy 301 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGATCTGCTGACATCCACAGGTGAG 360  
Db 2500 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGATCTGCTGACATCCACAGGTGAG 2559  
Qy 361 CTGTGACACAGCTTATGCTTATGCTGCTCTTGAACATGTCGGGAAAAACCGGGA 420  
Db 2560 CTGTGACACAGCTTATGCTTATGCTGCTCTTGAACATGTCGGGAAAAACCGGGA 2619  
Qy 421 CGCTGTGGCTCCGAGGACCTGCTGATGCTGATGCAATTTGCCAAGGGATGAGCTAC 480  
Db 2620 CGCTGTGGCTCCGAGGACCTGCTGATGCTGATGCAATTTGCCAAGGGATGAGCTAC 2679  
Qy 481 CTGAGAGATGTCGGGCTGCTGACAGGAGCTTGGCGCTCGGAAAGTCTGCTGCTGAG 540  
Db 2680 CTGAGAGATGTCGGGCTGCTGACAGGAGCTTGGCGCTCGGAAAGTCTGCTGCTGAG 2739  
Qy 541 CCCAACCATGTCAAAAATTAACAGACTTGGGCTGGCTGCTGCTGCTGCTGCTGCTG 600  
Db 2740 CCCAACCATGTCAAAAATTAACAGACTTGGGCTGGCTGCTGCTGCTGCTGCTGCTG 2799  
Qy 601 GAGTACCATGAGATGGGGGGAAGGTGCTCCATCAAGTGGATGGGCTGGATCCATTTC 660  
Db 2800 GAGTACCATGAGATGGGGGGAAGGTGCTCCATCAAGTGGATGGGCTGGATCCATTTC 2859  
Qy 661 CGCCGCGGCTTACCCACAGAGTATGATGAGTATGATGATGATGATGATGATGATG 720  
Db 2860 CGCCGCGGCTTACCCACAGAGTATGATGAGTATGATGATGATGATGATGATGATG 2919  
Qy 721 ATGACTTTTGGGGCAAACTTACGATGGATCCAGCCCGGAGATCCCTGACTGCTG 780  
Db 2920 ATGACTTTTGGGGCAAACTTACGATGGATCCAGCCCGGAGATCCCTGACTGCTG 2979  
Qy 781 GAAAAAGGGGAGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 840  
Db 2980 GAAAAAGGGGAGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3039  
Qy 841 GTCAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 3040 GTCAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3099  
Qy 901 TTCTCCGCGATGCGCAGGAGCCCGCAGCTTTGTGTGATCCAGATGAGAGCTTGGGC 960  
Db 3100 TTCTCCGCGATGCGCAGGAGCCCGCAGCTTTGTGTGATCCAGATGAGAGCTTGGGC 3159  
Qy 961 CCAAGCAGTCCCTTGAACAGACCTTCTACCGCTGCTGCTGAGAGAGATGAGATGGGG 1020  
Db 3160 CCAAGCAGTCCCTTGAACAGACCTTCTACCGCTGCTGCTGAGAGAGATGAGATGGGG 3219  
Qy 1021 GACCTGTGATGCTGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080  
Db 3220 GACCTGTGATGCTGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 3279  
Qy 1081 GCCCGGCGCTGCGGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1140  
Db 3280 GCCCGGCGCTGCGGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3339  
Qy 1141 GGTGGGAGCTGACATAGGCTGAGCTCTCTGTAAGAGAGGCCCCAGGCTTCTCACTG 1200  
Db 3340 GGTGGGAGCTGACATAGGCTGAGCTCTCTGTAAGAGAGGCCCCAGGCTTCTCACTG 3399  
Qy 1201 GCAACCTCCGAAAGGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1260  
Db 3400 GCAACCTCCGAAAGGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3459

Qy 1261 AAGGCGCTGCAAAAGCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACATGAGGAC 1320  
Db 3460 AAGGCGCTGCAAAAGCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACATGAGGAC 3519  
Qy 1321 CCGACAGTACCCCGCTGCTGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 1380  
Db 3520 CCGACAGTACCCCGCTGCTGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 3579  
Qy 1381 CAGCCTGATATGTAACCAAGCAGATGTTGGGCCAGCCCTTGGCCCGAGAGGAG 1440  
Db 3580 CAGCCTGATATGTAACCAAGCAGATGTTGGGCCAGCCCTTGGCCCGAGAGAGGAG 3639  
Qy 1441 CCTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3640 CCTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3699  
Qy 1501 GGGAGAAATGGGGGCTCAAAAGAGTCTTTTGGGGGGTGGCGTGGAGAACCCCGAG 1560  
Db 3700 GGGAGAAATGGGGGCTCAAAAGAGTCTTTTGGGGGGTGGCGTGGAGAACCCCGAG 3759  
Qy 1561 TACTTGACACCCCAAGGAGAGTCTGCTGAGCCCAACCTCTCTGCTGCTGAGCCCA 1620  
Db 3760 TACTTGACACCCCAAGGAGAGTCTGCTGAGCCCAACCTCTCTGCTGCTGAGCCCA 3819  
Qy 1621 GCTTTCGACAACTCTTATTAATGAGGACAGGACCCCAAGGCGGGGGCTTCCACCCAGC 1680  
Db 3820 GCTTTCGACAACTCTTATTAATGAGGACAGGACCCCAAGGCGGGGGCTTCCACCCAGC 3879  
Qy 1681 ACCTTCAAGGGGAGACCTGAGGAGAGAACCCAGAGTACCTGGGGTCTGAGAGTGGAGT 1740  
Db 3880 ACCTTCAAGGGGAGACCTGAGGAGAGAACCCAGAGTACCTGGGGTCTGAGAGTGGAGT 3939

RESULT 7  
US-09-811-115-2  
; Sequence 2, Application US/09811115  
; Patent No. 6632979  
; GENERAL INFORMATION:  
; APPLICANT: Erickson, Sharon  
; APPLICANT: Schwall, Ralph  
; APPLICANT: King, Kathleen  
; TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL  
; FILE REFERENCE: GENENT.034A  
; CURRENT APPLICATION NUMBER: US/09/811.115  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/189,844  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 3768  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-811-115-2

Query Match 99.9%; Score 1738.4; DB 4; Length 3768;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 AAGCGAGCGGCGAGGAAGATCCGAGATGACAGATGCGGAGACTGCTGACAGAAACGAG 60  
Db 2026 AAGCGAGCGGCGAGGAAGATCCGAGATGACAGATGCGGAGACTGCTGACAGAAACGAG 2085  
Qy 61 CTGTGAGAGCGGCTGACACCTTGAAGGAGCGATGCGCAACGAGGCGAGATCGGATCTGT 120  
Db 2086 CTGTGAGAGCGGCTGACACCTTGAAGGAGCGATGCGCAACGAGGCGAGATCGGATCTGT 2145  
Qy 121 AAAAGACGAGCTGAGGAAGTGAAGTGTGATGATGATGATGATGATGATGATGATGATGATG 180  
Db 2146 AAAAGACGAGCTGAGGAAGTGAAGTGTGATGATGATGATGATGATGATGATGATGATGATG 2205  
Qy 181 AAGGCGATCTGGATCCCTGATGCGGAGAAATGTAATAATTCAGATGCGCATCAAGTGTG 240

Db 2206 AAGGGCATCTGGATCCCTGATGGGAGATGTGAATAATTCAGTGGCCATCAAGTGTG 2265  
Oy 241 AGGAAAAACATCCCCAAAGCCAAAGAAATCTTGAAGAGCATAGTGTGCT 300  
Db 2266 AGGAAAAACATCCCCAAAGCCAAAGAAATCTTGAAGAGCATAGTGTGCT 2325  
Oy 301 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGCACTGCTGACATCCAGGTGAG 360  
Db 2326 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGCACTGCTGACATCCAGGTGAG 2385  
Oy 361 CTGTGTACACAGCTTATATGCTTATGCTGCTTGAACATATCTCCGGAAAAACGCGCA 420  
Db 2386 CTGTGTACACAGCTTATATGCTTATGCTGCTTGAACATATCTCCGGAAAAACGCGCA 2445  
Oy 421 CGCCTGGGCTCCAGAGACCTGTGAACTGTGTATGAGATTTGCAAGGGGATGAGTAC 480  
Db 2446 CGCCTGGGCTCCAGAGACCTGTGAACTGTGTATGAGATTTGCAAGGGGATGAGTAC 2505  
Oy 481 CTGAGAGATGTGCGGCTGTACAGAGGACTTGGCGCTGGAACTGTGCTGCTCAAGAGT 540  
Db 2506 CTGAGAGATGTGCGGCTGTACAGAGGACTTGGCGCTGGAACTGTGCTGCTCAAGAGT 2565  
Oy 541 CCCAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGCTGAGCATTTGACAGACA 600  
Db 2566 CCCAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGCTGAGCATTTGACAGACA 2625  
Oy 601 GAGTACCATGAGATGGGGGAGAGGTGCCATCAAGTGAATGGGCTGAGGCACTTCTC 660  
Db 2626 GAGTACCATGAGATGGGGGAGAGGTGCCATCAAGTGAATGGGCTGAGGCACTTCTC 2685  
Oy 661 CGCCGGCGGTTCAACCAACAGATGATGTGTGAGTTATGTTGTGATCTGTGTGGAGCTG 720  
Db 2686 CGCCGGCGGTTCAACCAACAGATGATGTGTGAGTTATGTTGTGATCTGTGTGGAGCTG 2745  
Oy 721 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCCAAGCCGGAGATCCCTGACTGCTG 780  
Db 2746 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCCAAGCCGGAGATCCCTGACTGCTG 2805  
Oy 781 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGCACTGATGTCTACATATGATCTG 840  
Db 2806 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGCACTGATGTCTACATATGATCTG 2865  
Oy 841 GTCAATGTGTGATGATTTGATCTGTAATGTGCGCAAGATTCGGGAGTTGTGTCTAA 900  
Db 2866 GTCAATGTGTGATGATTTGATCTGTAATGTGCGCAAGATTCGGGAGTTGTGTCTAA 2925  
Oy 901 TTCTCCGCGATGSCCAAGGACCCCAAGCGCTTGTGTATCCAGATGAGGACTTGGGC 960  
Db 2926 TTCTCCGCGATGSCCAAGGACCCCAAGCGCTTGTGTATCCAGATGAGGACTTGGGC 2985  
Oy 961 CCAGCAGTCCCTTGGAGACAGACCTTCAACGCTCACTGCTGAGAGAGATGACATGGGG 1020  
Db 2986 CCAGCAGTCCCTTGGAGACAGACCTTCAACGCTCACTGCTGAGAGAGATGACATGGGG 3045  
Oy 1021 GACTGTGTGATGCTGAGAGATATCTGTGTAACCCAGAGGCTTCTTGTCTCAGACCT 1080  
Db 3046 GACTGTGTGATGCTGAGAGATATCTGTGTAACCCAGAGGCTTCTTGTCTCAGACCT 3105  
Oy 1081 GCGCCGCGGCTGAGGAGATGTCTCAACAGGACCGCAGCTCATCTACAGAGATGGC 1140  
Db 3106 GCGCCGCGGCTGAGGAGATGTCTCAACAGGACCGCAGCTCATCTACAGAGATGGC 3165  
Oy 1141 GGTGGGAGCTGACATATGAGGCTGAGGCTTCTGTAAGAGAGGCCCCAGGCTTCTCAGTG 1200  
Db 3166 GGTGGGAGCTGACATATGAGGCTTCTGTAAGAGAGGCCCCAGGCTTCTCAGTG 3225  
Oy 1201 GCACCTCTCGAAGGGGCTGCTCGATGTATTTGATGTGACTTGGGAATGGGGGACGCC 1260  
Db 3226 GCACCTCTCGAAGGGGCTGCTCGATGTATTTGATGTGACTTGGGAATGGGGGACGCC 3285  
Oy 1261 AAGGGGCTGCAAGACCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC 1320

Db 3286 AAGGGGCTGCAAGACCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC 3345  
Oy 1321 CCACAGTACCCCTGCTGCTGAGATGATGGCTACGTTGGCCCCCTGACCTGACGCCCC 1380  
Db 3346 CCACAGTACCCCTGCTGCTGAGATGATGGCTACGTTGGCCCCCTGACCTGACGCCCC 3405  
Oy 1381 CAGCCTGAATGTGAACCAACGATGTTGSCCCCAAGCCCCCTTGGCCCCGAGAGGGC 1440  
Db 3406 CAGCCTGAATGTGAACCAACGATGTTGSCCCCAAGCCCCCTTGGCCCCGAGAGGGC 3465  
Oy 1441 CCTGCTGCTGCTGCCCCACCTGCTGAGGCACTGTGAAAGGCCAAGACTCTCTCCCCA 1500  
Db 3466 CCTGCTGCTGCTGCCCCACCTGCTGAGGCACTGTGAAAGGCCAAGACTCTCTCCCCA 3525  
Oy 1501 GGAAGAATGGGCTGTCAAGAGCTTTTGTCTTGGGGGTGCGTGAAGAACCCCGAG 1560  
Db 3526 GGAAGAATGGGCTGTCAAGAGCTTTTGTCTTGGGGGTGCGTGAAGAACCCCGAG 3585  
Oy 1561 TACTTGACACCCAGAGAGAGCTGCCCCCTCAGCCCCACCTCTCTGCTTCAGCCCA 1620  
Db 3586 TACTTGACACCCAGAGAGAGCTGCCCCCTCAGCCCCACCTCTCTGCTTCAGCCCA 3645  
Oy 1621 GCCTTGACACCTTCTTACTGAGACAGAGCCCAAGAGCGGGGGCTCCACCCAGC 1680  
Db 3646 GCCTTGACACCTTCTTACTGAGACAGAGCCCAAGAGCGGGGGCTCCACCCAGC 3705  
Oy 1681 ACCTTCAAGGAGACCTTACCGGACAGAACCCAGATACCTGGGCTTGAAGCTGCAAGTG 1740  
Db 3706 ACCTTCAAGGAGACCTTACCGGACAGAACCCAGATACCTGGGCTTGAAGCTGCAAGTG 3765

RESULT 8  
US-08-229-515A-9  
Sequence 9, Application US/08229515A  
Patent No. 5518885  
GENERAL INFORMATION:  
APPLICANT: RAZIUDIN  
APPLICANT: SARKAR, FAZLUL H  
TITLE OF INVENTION: ERBB2 PROMOTER BINDING PROTEIN IN  
TITLE OF INVENTION: NEOPLASTIC DISEASE  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG PC  
STREET: 127 Peachtree Street, Suite 1200  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: usa  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/229,515A  
FILING DATE: 19 APR 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: PERRYMAN, DAVID G  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414,608  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4530 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-229-515A-9

Query Match 99.9%; Score 1738.4; DB 1; Length 4530;

Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY	1	AAAGGACGGGACGAGAAAGATCCGGAAATGACAGATGCGGACATCTGCTSCAGAAACGGAG	60
Db	2176	AAAGGACGGGACGAGAAAGATCCGGAAATGACAGATGCGGACATCTGCTSCAGAAACGGAG	2235
OY	61	CTGGTGGAGCGCGTGAACACTTAGCGAGCGATGCCCCAACGAGCGGACAGATGCGATCTCTG	120
Db	2236	CTGGTGGAGCGCGCTGAACACTTAGCGAGCGATGCCCCAACGAGCGGACAGATGCGATCTCTG	2295
OY	121	AAAGGACGGAGCTGAGGAAGGTGAAGGTGCTTGGATCTGGCGCTTTTGGCAAGTCTAC	180
Db	2296	AAAGGACGGAGCTGAGGAAGGTGAAGGTGCTTGGATCTGGCGCTTTTGGCAAGTCTAC	2355
OY	181	AAAGGACATCTGGATCCCTGATGGGGAGAAATGAAAAATTCCAGTGGCCATCAAAAGTGTG	240
Db	2356	AAAGGACATCTGGATCCCTGATGGGGAGAAATGAAAAATTCCAGTGGCCATCAAAAGTGTG	2415
OY	241	AGGGAAAAACATCCCCCAAGCCAAACAAGAAATCTTAGAGAGAGCATACGTATGCTC	300
Db	2416	AGGGAAAAACATCCCCCAAGCCAAACAAGAAATCTTAGAGAGAGCATACGTATGCTC	2475
OY	301	GGTGTGGGCTCCCATATGTCTCCCGCTTCTGGGCACTGTGCTTGACATCCAAGTGTGAG	360
Db	2476	GGTGTGGGCTCCCATATGTCTCCCGCTTCTGGGCACTGTGCTTGACATCCAAGTGTGAG	2535
OY	361	CTGGTGACAGACGTTATATGCCCTTAAATGAGCCATATGTCGGGAAAAACCGCGGA	420
Db	2536	CTGGTGACAGACGTTATATGCCCTTAAATGAGCCATATGTCGGGAAAAACCGCGGA	2595
OY	421	CGCCTGGGCTCCAGAGCTGCTGAATGATGTATGACAGATTGGCCAAAGGGATGAGCTAC	480
Db	2596	CGCCTGGGCTCCAGAGCTGCTGAATGATGTGTATGACAGATTGGCCAAAGGGATGAGCTAC	2655
OY	481	CTGAGAGATGTGCGGCTGTATCAACGGGACTTGGCCGCTCGGAACGTGTCTCAAGGT	540
Db	2656	CTGAGAGATGTGCGGCTGTATCAACGGGACTTGGCCGCTCGGAACGTGTCTCAAGGT	2715
OY	541	CCCAACCATGTGCAAAATTACAGACTTGGGGCTGGCTGGCTGGCTGGACATTGACGAGACA	600
Db	2716	CCCAACCATGTGCAAAATTACAGACTTGGGGCTGGCTGGCTGGCTGGACATTGACGAGACA	2775
OY	601	GAGTACCATGAGATGGGGGACAGGTGCCCCATCAATGAGATGGCGCTGAGTCCATTCTC	660
Db	2776	GAGTACCATGAGATGGGGGACAGGTGCCCCATCAATGAGATGGCGCTGAGTCCATTCTC	2835
OY	661	CGCCGGCGGTTCACCACCAAGTATGTGTGAGTTATGTGTATCACTGTGTGGGAGCTG	720
Db	2836	CGCCGGCGGTTCACCACCAAGTATGTGTGAGTTATGTGTATCACTGTGTGGGAGCTG	2895
OY	721	ATGACTTTTGGGGGCCAAACTTTACGATGGGATCCAGGCCGGGGAATCCCTGACCTGCTG	780
Db	2896	ATGACTTTTGGGGGCCAAACTTTACGATGGGATCCAGGCCGGGGAATCCCTGACCTGCTG	2955
OY	781	GAAAAAGGGGAGCGGCTGCCCGGACCCCACTTGCAACCATTTGATGTCTACATGATCATG	840
Db	2956	GAAAAAGGGGAGCGGCTGCCCGGACCCCACTTGCAACCATTTGATGTCTACATGATCATG	3015
OY	841	GTCAAATGTTGATGATTTGACTCTGAAATGTGGGCCMAATTCGGGAGTGTGTCTCAA	900
Db	3016	GTCAAATGTTGATGATTTGACTCTGAAATGTGGGCCMAATTCGGGAGTGTGTCTCAA	3075
OY	901	TTTCTCCGCAATGGCCAGGGAGCCCCAGGGCTTTGGTGATCCAGAAATGAGGACTTGGGC	960
Db	3076	TTTCTCCGCAATGGCCAGGGAGCCCCAGGGCTTTGGTGATCCAGAAATGAGGACTTGGGC	3135
OY	961	CCAGCAGATCCCTTGGAGACGACTTTCACCGCTCACTGCTGAGAGAGATGACATGAGGG	1020
Db	3136	CCAGCAGATCCCTTGGAGACGACTTTCACCGCTCACTGCTGAGAGAGATGACATGAGGG	3195
OY	1021	GACCTGTGATGCTGAGAGATATCTGTAACCCACAGAGGCTTCTTCTGTCAAGCCTT	1080

Db	3196	GACCTGGATGATGCTGAGAGATATCTGGATACCCACAGAGGGCTTTCTTCTGTCCAGACCCCT	3255
Qy	1081	GCCCCGGGGCCCTGGGGGGCATATGTATCCACCAAGGCAACCGACGCTCATATCTACACAGAAATGTGC	1140
Db	3256	GCCCCGGGGCCCTGGGGGGCATATGTATCCACCAAGGCAACCGACGCTCATATCTACACAGAAATGTGC	3315
Qy	1141	GGTGGGGACCTGACACATAGAGGGCTGAGACCCTCTGAAAGAGAGAGGCCCCACAGGTCTCCACTG	1200
Db	3316	GGTGGGGACCTGACACATAGAGGGCTGAGACCCTCTGAAAGAGAGAGGCCCCACAGGTCTCCACTG	3375
Qy	1201	GCAACCTCCGAGAGGGGCTGGCTCCGATGTATTTTATTTGATAGTACCTTGGGAATG9GGGACGCC	1260
Db	3376	GCACCTCTCCGAGAGGGGCTGGCTCCGATGTATTTTATTTGATAGTACCTTGGGAATG9GGGAGGCC	3435
Qy	1261	AAGGGGCTGCAAAAGCCTCTCCCAACATGACCCCAAGCCCTTACAGAGGGTTCAGTGAAGAC	1320
Db	3436	AAGGGGCTGCAAAAGCCTCTCCCAACATGACCCCAAGCCCTTACAGAGGGTTCAGTGAAGAC	3495
Qy	1321	CCCAACATTAACCCCTGGCCCTCTGAGACATGATGGGTCAGTTGCCCCCTGACCTGACGCC	1380
Db	3496	CCCAACATTAACCCCTGGCCCTCTGAGACATGATGGGTCAGTTGCCCCCTGACCTGACGCC	3555
Qy	1381	CAGCCTGAATATGTGAACCAAGCAGATGTTCGGGCCCGAGCCCTTTCGCCCCGAGAGGGC	1440
Db	3556	CAGCCTGAATATGTGAACCAAGCAGATGTTCGGGCCCGAGCCCTTTCGCCCCGAGAGGGC	3615
Qy	1441	CTCTGCTGCTGCTGCGGACCTGCTGTGTGCCATCTCTGGAAAGGCCCAAGACTCTCTCCCA	1500
Db	3616	CTCTGCTGCTGCTGCGGACCTGCTGTGTGCCATCTCTGGAAAGGCCCAAGACTCTCTCCCA	3675
Qy	1501	GGGAAGAAATGGGTTCGTCAAGACGTTTTTGCCCTTGGGGGGTCCGAGGAACCCCGAG	1560
Db	3676	GGGAAGAAATGGGTTCGTCAAGACGTTTTTGCCCTTGGGGGGTCCGAGGAACCCCGAG	3735
Qy	1561	TACTTGAACACCCGAGGAGAGCTGCCCTCAGGCCCAACCTGCTCTGCTTCAAGCCA	1620
Db	3736	TACTTGAACACCCGAGGAGAGCTGCCCTCAGGCCCAACCTGCTCTGCTTCAAGCCA	3795
Qy	1621	GCCCTTGACCAACCTCTATTACTGGGACCAAGACCCACAGAGCGGGGGGCTCCACCCAGC	1680
Db	3796	GCCCTTGACCAACCTCTATTACTGGGACCAAGACCCACAGAGCGGGGGGCTCCACCCAGC	3855
Qy	1681	ACCTTCAAAAGGACACCTTAGGAGAGAACCCAGAGATACCTGGGTCTGAGCGTGCAGTG	1740
Db	3856	ACCTTCAAAAGGACACCTTAGGAGAGAACCCAGAGATACCTGGGTCTGAGCGTGCAGTG	3915
RESULT 9			
US-08-645-865-9			
; Sequence 9, Application US/08645865			
; Patent No. 5654406			
; GENERAL INFORMATION:			
; APPLICANT: RAZIUDIN			
; APPLICANT: SARKAR, FAZLU, H			
; TITLE OF INVENTION: ERBB2 PROMOTER BINDING PROTEIN IN			
; TITLE OF INVENTION: NEOPLASTIC DISEASE			
; NUMBER OF SEQUENCES: 19			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: NEEDLE & ROSENBERG PC			
; STREET: 127 Peachtree Street, Suite 1200			
; CITY: Atlanta			
; STATE: Georgia			
; COUNTRY: usa			
; ZIP: 30303			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Floppy disk			
; COMPUTER: IBM PC compatible			
; OPERATING SYSTEM: PC-DOS/MS-DOS			
; SOFTWARE: Patentin Release #1.0, Version #1.30			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/645,865			
; FILING DATE: 14 MAY 1996			
; CLASSIFICATION: 435			



ATTORNEY/AGENT INFORMATION:  
NAME: PERRYMAN, DAVID G  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414.608  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4530 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-645-865-9

Query Match 99.9%; Score 1738.4; DB 1; Length 4530;  
Blast Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 AAGCAGCGCAGCAGAGATCCGGAAGTACAGATGCGGAGACTGCTGAGGAAACGGAG 60  
Db 2176 AAGCAGCGCAGCAGAGATCCGGAAGTACAGATGCGGAGACTGCTGAGGAAACGGAG 2235  
QY 61 CTGTGAGAGCCGCTGACACTAGCGGAGCGATGCCAACCGAGCGAGATCCCTG 120  
Db 2236 CTGTGAGAGCCGCTGACACTAGCGGAGCGATGCCAACCGAGCGAGATCCCTG 2295  
QY 121 AAAGAGAGGAGCTAGGAGAGGTGAAGGTCTTGATCTGGGCTTTTGGSCACAGCTAC 180  
Db 2296 AAAGAGAGGAGCTAGGAGAGGTGAAGGTCTTGATCTGGGCTTTTGGSCACAGCTAC 2355  
QY 181 AAGGCACTCTGATCCCTGATGGGAGAAATGTGAATTCAGTGGCCATCAAAGTGTG 240  
Db 2356 AAGGCACTCTGATCCCTGATGGGAGAAATGTGAATTCAGTGGCCATCAAAGTGTG 2415  
QY 241 AAGGAAACACATCCCTCCAAAGCCAACAAAGAAATCTTAGAGCAAGCATACGTAGTGT 300  
Db 2416 AAGGAAACACATCCCTCCAAAGCCAACAAAGAAATCTTAGAGCAAGCATACGTAGTGT 2475  
QY 301 GGTGTGGGCTCCCATATGTCTCCGCGCTTCTGGGAGATGTGCTGACATCCACGGTGCAG 360  
Db 2476 GGTGTGGGCTCCCATATGTCTCCGCGCTTCTGGGAGATGTGCTGACATCCACGGTGCAG 2535  
QY 361 CTGTGAGACAGCTATGCTTATGAGCTGCTCTTAAGACATGTCCGGGAAACCGCGGA 420  
Db 2536 CTGTGAGACAGCTATGCTTATGAGCTGCTCTTAAGACATGTCCGGGAAACCGCGGA 2595  
QY 421 CGCCTGGGCTCCAGAGACTGTGTAATGTGTATGCAATGTCGAAGGGAGTAGCTAC 480  
Db 2596 CGCCTGGGCTCCAGAGACTGTGTAATGTGTATGCAATGTCGAAGGGAGTAGCTAC 2655  
QY 481 CTGAGAGATGTGGGCTGTGTAACAGGACTTGGCCGCTCGGAAGCTGTGCTCAAGT 540  
Db 2656 CTGAGAGATGTGGGCTGTGTAACAGGACTTGGCCGCTCGGAAGCTGTGCTCAAGT 2715  
QY 541 CCCACCAATGTCAAAATTAACAATTCGGGCTGGCTGGCTGCTGAGCAATTAACAGAGA 600  
Db 2716 CCCACCAATGTCAAAATTAACAATTCGGGCTGGCTGGCTGCTGAGCAATTAACAGAGA 2775  
QY 601 GAGTACATGAGATGGGGCAAGGTCCCATCAATGATGAGCGCTGAGATCAATTC 660  
Db 2776 GAGTACATGAGATGGGGCAAGGTCCCATCAATGATGAGCGCTGAGATCAATTC 2835  
QY 661 CGCCGCGGCTTCAACCAACAGAGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 720  
Db 2836 CGCCGCGGCTTCAACCAACAGAGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 2895  
QY 721 ATGACTTTTGGGCGCAACCTTAACAATGATGAGTCCAGCCGGGAGATCCCTGACCTG 780  
Db 2896 ATGACTTTTGGGCGCAACCTTAACAATGATGAGTCCAGCCGGGAGATCCCTGACCTG 2955  
QY 781 GAAAAGGGGAGCGGCTGCCAGCCCATCTGACCATTTGATCTTACATGATCATG 840

Db 2956 GAAAAGGGGAGCGGCTGCCAGCCCATCTGACCATTTGATGTCTACATGATCATG 3015  
QY 841 GTCAAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 3016 GTCAAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3075  
QY 901 TTCTCCCGCATGGCCAGGAGACCCCAAGGCTTTTGTGTGATCTCAAGATGAGAGCTTTGGG 960  
Db 3076 TTCTCCCGCATGGCCAGGAGACCCCAAGGCTTTTGTGTGATCTCAAGATGAGAGCTTTGGG 3135  
QY 961 CCAGCAGTCCCTTGGACAGCAGCTTACAGCTCAGCTGAGAGAGATGACATGAGG 1020  
Db 3136 CCAGCAGTCCCTTGGACAGCAGCTTACAGCTCAGCTGAGAGAGATGACATGAGG 3195  
QY 1021 GACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080  
Db 3196 GACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3255  
QY 1081 GCCCGGCGCTGGGGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1140  
Db 3256 GCCCGGCGCTGGGGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3315  
QY 1141 GGTGGGAGCTGACACTAGAGGCTGAGAGCTCTGAAAGAGAGAGGCCCCAGGCTTCACTG 1200  
Db 3316 GGTGGGAGCTGACACTAGAGGCTGAGAGCTCTGAAAGAGAGAGGCCCCAGGCTTCACTG 3375  
QY 1201 GCACCTCTCGAAGGGGCTGGCTCCGATGATATTTGATGATGATGATGATGATGATGATG 1260  
Db 3376 GCACCTCTCGAAGGGGCTGGCTCCGATGATATTTGATGATGATGATGATGATGATGATG 3435  
QY 1261 AAGGGCTGCAAAAGCTCCCAACATGATGATGATGATGATGATGATGATGATGATGATG 1320  
Db 3436 AAGGGCTGCAAAAGCTCCCAACATGATGATGATGATGATGATGATGATGATGATGATG 3495  
QY 1321 CCCAGATGACCCCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1380  
Db 3496 CCCAGATGACCCCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3555  
QY 1381 CAGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1440  
Db 3556 CAGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3615  
QY 1441 CCTGTGCTGCTGCCGACCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1500  
Db 3616 CCTGTGCTGCTGCCGACCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 3675  
QY 1501 GGGAGAAATGGGCTGTGAAAGAGCTTTTGTGCTTTTGGGGGTGCTGTGAGAAACCCGAG 1560  
Db 3676 GGGAGAAATGGGCTGTGAAAGAGCTTTTGTGCTTTTGGGGGTGCTGTGAGAAACCCGAG 3735  
QY 1561 TACTTGAACACCCAGGAGAGCTGCCCTCAGCCCACTCCCTCCTGCTTCAAGCCCA 1620  
Db 3736 TACTTGAACACCCAGGAGAGCTGCCCTCAGCCCACTCCCTCCTGCTTCAAGCCCA 3795  
QY 1621 GCCTTCGACCACTTATTTACTGAGACAGAGACCCACAGAGCGGGGGGCTTCAACCCAGC 1680  
Db 3796 GCCTTCGACCACTTATTTACTGAGACAGAGACCCACAGAGCGGGGGGCTTCAACCCAGC 3855  
QY 1681 ACCTTCAAAAGGACACTTACCGCAGAGAACCCAGAGTACTTGGTCTTGGACGTGCAAGTG 1740  
Db 3856 ACCTTCAAAAGGACACTTACCGCAGAGAACCCAGAGTACTTGGTCTTGGACGTGCAAGTG 3915

RESULT 10  
US-09-167-322-4  
; Sequence 4, Application US/09167322  
; Patent No. 6365151  
; GENERAL INFORMATION:  
; APPLICANT: Allegheny University of the Health  
; Sciences, Halpern, Michael S.  
; TITLE OF INVENTION: CANCER VACCINE  
; NUMBER OF SEQUENCES: 14



CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco, P.C.  
STREET: Suite 1800, Two Penn Center Plaza  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/167,322  
FILING DATE: 07-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US97/00582  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Monaco, Daniel A.  
REGISTRATION NUMBER: 30,480  
REFERENCE/DOCKET NUMBER: 7933-33 PC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-8383  
TELEFAX: (215) 568-5549  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4530 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-167-322-4  
Query Match 99.9%; Score 1738.4; DB 3; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 AAGCGACGGCAGCAGAAAGATCCGGAAGTACACGATCCGAGACTGCTCAGAGAAACGAG 60  
DB 2176 AAGGAGCGCGACAGAAATCCGGAAGTACACGATCCGAGACTGCTCAGAGAAACGAG 2235  
QY 61 CTGCTGAGCCGCTGACACCTAGCGGACCGATGCCAACACAGGCGCAGATGCTCTG 120  
DB 2236 CTGCTGAGCCGCTGACACCTAGCGGACCGATGCCAACACAGGCGCAGATGCTCTG 2295  
QY 121 AAAGGACGAGCTGAGGAGGTGAAGTCTGATCTGGCGCTTTTGGACACAGTCTAC 180  
DB 2296 AAAGGACGAGCTGAGGAGGTGAAGTCTGATCTGGCGCTTTTGGACACAGTCTAC 2355  
QY 181 AAGGCACTCTGATCCCTGATGGGAGATGAAATTCAGATGGCCATCAAGTCTTG 240  
DB 2356 AAGGCACTCTGATCCCTGATGGGAGATGAAATTCAGATGGCCATCAAGTCTTG 2415  
QY 241 AAGGAAACACATCCCCCAAGCAACAAAGAAATCTTGAACGAAGCATCTGATGCT 300  
DB 2416 AAGGAAACACATCCCCCAAGCAACAAAGAAATCTTGAACGAAGCATCTGATGCT 2475  
QY 301 GGTGTGGGCTCCCATATGCTCTCCGCTTCTGGGCACTGCTGACATCCAGGTGAG 360  
DB 2476 GGTGTGGGCTCCCATATGCTCTCCGCTTCTGGGCACTGCTGACATCCAGGTGAG 2535  
QY 361 CTGCTGACACAGCTTATGCTCCCTATGGCTGCTTGAACATGTCGAGGAAACCGCGGA 420  
DB 2536 CTGCTGACACAGCTTATGCTCCCTATGGCTGCTTGAACATGTCGAGGAAACCGCGGA 2595  
QY 421 CGCCTGGGCTCCACAGACTGCTGAATGTGTATGACATTTGCCAAGGGGATGAGCTAC 480  
DB 2596 CGCCTGGGCTCCACAGACTGCTGAATGTGTATGACATTTGCCAAGGGGATGAGCTAC 2655  
QY 481 CTGAGAGATGTGGGCTGTACACAGGACTTTGGCGCTCGGAACTGTGCTGCTCAAGGT 540

DB 2656 CTGAGAGATGTGGGCTGTACACAGGACTTTGGCGCTCGGAACTGTGCTGCTCAAGGT 2715  
QY 541 CCAACCATGTCAAAATTTACAGACTTGGGCTGCTGCTGCTGACATTTGACGAGACA 600  
DB 2716 CCAACCATGTCAAAATTTACAGACTTGGGCTGCTGCTGCTGACATTTGACGAGACA 2775  
QY 601 GAGTACCATGAGATGGGGGCAAGGTGCCATCAAGTGAATGGGCTGGAATCTCTC 660  
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QY 661 CGCCGCGGCTTCAACCCACAGAGTATGTGAGATTATGCTGATGCTGTGGAGCTG 720  
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QY 781 GAAAGGGGGAGCGGCTGCCAGCCCCCATTCGACACATGATGCTACATGATCATG 840  
DB 2956 GAAAGGGGGAGCGGCTGCCAGCCCCCATTCGACACATGATGCTACATGATCATG 3015  
QY 841 GTCAATGTTGATGATTTGACTTGAATGTGAGCAAGATTCCGGAGATTGTCTGAA 900  
DB 3016 GTCAATGTTGATGATTTGACTTGAATGTGAGCAAGATTCCGGAGATTGTCTGAA 3075  
QY 901 TTCTCCGCAATGACAGGACCCCGACGCTTTGTGTCATCCAGAAATGAGACTTGGGC 960  
DB 3076 TTCTCCGCAATGACAGGACCCCGACGCTTTGTGTCATCCAGAAATGAGACTTGGGC 3135  
QY 961 CCAGCCAGTCCCTTGGACAGCACTTTTACCGCTCATCTGCTGAGAGACGATGACATGGG 1020  
DB 3136 CCAGCCAGTCCCTTGGACAGCACTTTTACCGCTCATCTGCTGAGAGACGATGACATGGG 3195  
QY 1021 GACCTGGGAGTGTGAGAGTATCTGATATCCCGAGAGGCTCTTCTGTCAGACCTT 1080  
DB 3196 GACCTGGGAGTGTGAGAGTATCTGATATCCCGAGAGGCTCTTCTGTCAGACCTT 3255  
QY 1081 GCCCGGGGCGCTGGGGGCAATGCTCACCAAGGACCGCAGCTCATCTACAGGAGTGGC 1140  
DB 3256 GCCCGGGGCGCTGGGGGCAATGCTCACCAAGGACCGCAGCTCATCTACAGGAGTGGC 3315  
QY 1141 GGTGGGACCTGACACTAGGGCTGAGACCTCTGAAGAAGAGGCCCCAGGTCTCACTG 1200  
DB 3316 GGTGGGACCTGACACTAGGGCTGAGACCTCTGAAGAAGAGGCCCCAGGTCTCACTG 3375  
QY 1201 GCACCTCCGAGAGGGGCTGGCTCCGATGTAATTTGATGCTGACCTGGGAATGGGGGAGCC 1260  
DB 3376 GCACCTCCGAGAGGGGCTGGCTCCGATGTAATTTGATGCTGACCTGGGAATGGGGGAGCC 3435  
QY 1261 AAGGGGCTGCAAAAGCTCCCAACACATGACCCAGCCCTCTACAGCGGTACATGAGAGAC 1320  
DB 3436 AAGGGGCTGCAAAAGCTCCCAACACATGACCCAGCCCTCTACAGCGGTACATGAGAGAC 3495  
QY 1321 CCAAGTATCCCTGCTGCTCTGAGACTGATGCTGCTTGTGCTGCTGCTGCTGACGCC 1380  
DB 3496 CCAAGTATCCCTGCTGCTCTGAGACTGATGCTGCTTGTGCTGCTGCTGCTGACGCC 3555  
QY 1381 CAGGCTGAATATGGAACCAAGCAAGTTCGAGCCCAAGCCCTTGGCCCGGAGAGGGC 1440  
DB 3556 CAGGCTGAATATGGAACCAAGCAAGTTCGAGCCCAAGCCCTTGGCCCGGAGAGGGC 3615  
QY 1441 CCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
DB 3616 CCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3675  
QY 1501 GGAAGAAATGGGCTGTCAAAAGCTTTTGGCTTTGGGGGCTGCTGAGAAACCCGAG 1560  
DB 3676 GGAAGAAATGGGCTGTCAAAAGCTTTTGGCTTTGGGGGCTGCTGAGAAACCCGAG 3735  
QY 1561 TACTTGAACCCCAAGGAGAGGCTGCCCTCAGCCCACTCTCTGCTGCTTGAAGCCA 1620  
DB 3736 TACTTGAACCCCAAGGAGAGGCTGCCCTCAGCCCACTCTCTGCTGCTTGAAGCCA 3795

Query 1621 GCCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGCGGGGGCTTCCACCAGC 1680  
Db 3796 GCCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGCGGGGGCTTCCACCAGC 3855  
Query 1681 ACCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGCGGGGGCTTCCACCAGC 1740  
Db 3856 ACCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGCGGGGGCTTCCACCAGC 3915

RESULT 11  
US-09-527-487-1  
; Sequence 1, Application US/09527487  
; Patent No. 6528060  
; GENERAL INFORMATION:  
; APPLICANT: Nicotelle, Charles  
; TITLE OF INVENTION: HER2 ANTIGENIC PEPTIDES  
; FILE REFERENCE: 12681309200  
; CURRENT APPLICATION NUMBER: US/09/527,487  
; CURRENT FILING DATE: 2000-03-16  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (151)..(3915)  
US-09-527-487-1

Query Match 99.9%; Score 1738.4; DB 4; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 1 AAGGCGAGCGAGAGAGATCCGAGAGTACAGATGCGGAGACTGCTGCAAGAAACGAG 60  
Db 2176 AAGGCGAGCGAGAGAGATCCGAGAGTACAGATGCGGAGACTGCTGCAAGAAACGAG 2235  
Query 61 CTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120  
Db 2236 CTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2295  
Query 121 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180  
Db 2296 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2355  
Query 181 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240  
Db 2356 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2415  
Query 241 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300  
Db 2416 AAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2475  
Query 301 GGTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360  
Db 2476 GGTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2535  
Query 361 CTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420  
Db 2536 CTGGTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2595  
Query 421 CGCTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480  
Db 2596 CGCTGGAGCGCGCTGACACCTGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2655  
Query 481 CTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540  
Db 2656 CTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2715  
Query 541 CCGAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGGAGCAATTGACGAGAG 600

Db 2716 CCGAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGGAGCAATTGACGAGAG 2775  
Query 601 GAGTACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660  
Db 2776 GAGTACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2835  
Query 661 CGCCGGCGGTTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720  
Db 2836 CGCCGGCGGTTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2895  
Query 721 ATGACTTTTGGGGCCCAACCTTACAGATGAGAGATCCAGAGCGGGAGATCCCTGACCTG 780  
Db 2896 ATGACTTTTGGGGCCCAACCTTACAGATGAGAGATCCAGAGCGGGAGATCCCTGACCTG 2955  
Query 781 GAAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840  
Db 2956 GAAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3015  
Query 841 GTCAATGTTGAGATGATGACTCTGAGATGTTGGCCCAAGATTCGGGAGTTGGTGTGAA 900  
Db 3016 GTCAATGTTGAGATGATGACTCTGAGATGTTGGCCCAAGATTCGGGAGTTGGTGTGAA 3075  
Query 901 TTCTCCCGCATGCGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 960  
Db 3076 TTCTCCCGCATGCGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3135  
Query 961 CCAGCCAGTCCCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020  
Db 3136 CCAGCCAGTCCCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3195  
Query 1021 GACTGTGAGATGCTGAGAGAGATGCTGATGATCCAGAGAGAGAGAGAGAGAGAGAG 1080  
Db 3196 GACTGTGAGATGCTGAGAGAGATGCTGATGATCCAGAGAGAGAGAGAGAGAGAGAG 3255  
Query 1081 GCGCCGCGCGCTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140  
Db 3256 GCGCCGCGCGCTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3315  
Query 1141 GGTGGAGAGCTGACACTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db 3316 GGTGGAGAGCTGACACTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3375  
Query 1201 GCACCTCCGAAAGGGGCTGGCTCGAGATGATGATGATGATGATGATGATGATGATG 1260  
Db 3376 GCACCTCCGAAAGGGGCTGGCTCGAGATGATGATGATGATGATGATGATGATGATG 3435  
Query 1261 AAGGGGCTGCAAGAGCTCCCAACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
Db 3436 AAGGGGCTGCAAGAGCTCCCAACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3495  
Query 1321 CCGACAGTACCGCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1380  
Db 3496 CCGACAGTACCGCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3555  
Query 1381 CAGCTGTAATATGTAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440  
Db 3556 CAGCTGTAATATGTAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3615  
Query 1441 CCTTGGCTGCTGCGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500  
Db 3616 CCTTGGCTGCTGCGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3675  
Query 1501 GGGAGAGATGGGGGTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560  
Db 3676 GGGAGAGATGGGGGTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3735  
Query 1561 TACTTGAACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1620  
Db 3736 TACTTGAACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 3795  
Query 1621 GCCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGAGAGAGAGAGAGAGAG 1680  
Db 3796 GCCTTCGACAACTTCTATTACTGGAGCCAGAGCCGAGAGAGAGAGAGAGAGAGAGAG 3855

## RESULT 12

US-09-877-177A-11

; Sequence 11, Application US/09877177A

Patent No. 6582919

GENERAL INFORMATION:

APPLICANT: K. Danenberga

TITLE OF INVENTION: Method of determining Epidermal Growth

TITLE OF INVENTION: Factor Receptor and HER2-Neu Gene Expression

7	TITLE OF INVENTION:	and correlation of levels thereof with survival
8	FIELD OF INVENTION:	receptor and hence new onc
9	BACKGROUND:	
10	STATE OF THE ART:	
11	OBJECTS OF THE INVENTION:	
12	BRIEF DESCRIPTION OF THE DRAWINGS:	
13	DETAILED DESCRIPTION:	
14	CLAIMS:	
15	REFERENCES:	
16	ABSTRACT:	

FILE REFERENCE: 11220/120

CURRENT APPLICATION NUMBER: IIS/09/877-177A

CURRENT FILING DATE: 2001-06-11

NUMBER OF SEQ ID NOS: 11

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; NUMBER OF SEQ ID NOS: 11
SOFTWAPE: FASTSEQ for Windows Version 4.0

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SOFTWARE: FABLESEQ FOR WINDOWS VERSION 4.0  
; SEQ ID NO 11
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; SEQ ID NO 11
LENGTH: 4530

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LENGTH: 4530  
TYPE: DNA

Query Match 99.9%; Score 1738.4; DB 4; Length 4530;

Best Local Similarity 99.9%; Pred. No. 0;

Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY	1	AAGGCA	CGG	CAG	CAG	AGAT	CCGG	AGTA	CA	CGAT	CGG	AGAT	CTT	CTG	CAG	AAA	CCG	AG	60
Db	2176	AAGGAC	CGG	CAG	CAG	AGAT	CCGG	AGTA	CA	CGAT	CGG	AGAT	CTT	CTG	CAG	AAA	CCG	AG	2235
QY	61	CTGTG	GAG	CG	CGT	GA	CA	CTTA	G	G	G	GA	G	CG	A	TG	CC	AA	120
Db	2236	CTGTG	GAG	CG	CGT	GA	CA	CTTA	G	G	G	GA	G	CG	A	TG	CC	AA	2295
QY	121	AAAG	AG	CG	AG	CT	GA	AG	AG	GT	GA	AG	GT	GA	AT	TG	CG	CA	180
Db	2296	AAAG	AG	CG	AG	CT	GA	AG	AG	GT	GA	AG	GT	GA	AT	TG	CG	CA	2355
QY	181	AAGG	GC	AT	CT	G	GA	T	CC	CT	GA	TGG	G	G	GA	AT	GT	GA	240
Db	2356	AAGG	GC	AT	CT	G	GA	T	CC	CT	GA	TGG	G	G	GA	AT	GT	GA	2415
QY	241	AGG	AAA	CA	CA	CAT	CCCC	AA	AG	CA	CA	CA	AA	AA	TT	CT	GA	CG	300
Db	2416	AGG	AAA	CA	CA	CAT	CCCC	AA	AG	CA	CA	CA	AA	AA	TT	CT	GA	CG	2475
QY	301	G	GT	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	360
Db	2476	G	GT	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	2535
QY	361	CTG	T	G	A	C	A	C	A	G	T	T	A	G	C	C	T	T	420
Db	2536	CTG	T	G	A	C	A	C	A	G	T	T	A	G	C	C	T	T	2595
QY	421	CG	C	T	G	G	G	C	T	C	C	A	G	A	C	T	G	A	480
Db	2596	CG	C	T	G	G	G	C	T	C	C	A	G	A	C	T	G	A	2655
QY	481	CTG	A	A	G	A	T	G	T	G	C	C	T	G	T	A	C	A	540
Db	2656	CTG	A	A	G	A	T	G	T	G	C	C	T	G	T	A	C	A	2715
QY	541	CC	C	A	C	A	C	A	T	G	C	A	A	A	T	T	A	C	600
Db	2716	CC	C	A	C	A	C	A	T	G	C	A	A	A	T	T	A	C	2775
QY	601	G	A	G	T	A	C	A	T	G	C	A	A	G	T	G	C	A	660
Db	2776	G	A	G	T	A	C	A	T	G	C	A	A	G	T	G	C	A	2835

QY	661	GGCCGGGGTTTCAACCCACACAGAGTAAAGTGTGAGATTATAGTGTGACTGTGTGGGAACTG	720
Db	2836	CGCCGGGGGTTACCCACACAGAGTAAAGTGTGAGATTATAGTGTGACTGTGTGGGAACTG	2895
QY	721	ATGACTTTTGGGGGCAAAACCTTACGATGGAGATCCAGACCCGGGAGATCCCTGACTGCTG	780
Db	2896	ATGACTTTTGGGGGCAAAACCTTACGATGGAGATCCAGACCCGGGAGATCCCTGACTGCTG	2955
QY	781	GAAGAGGGGGAGCGGCTGCCCCAGCCCCCACTGTGCACATTGATGTCTACATGATCATG	840
Db	2956	GAAGAGGGGGAGCGGCTGCCCCAGCCCCCACTGTGCACATTGATGTCTACATGATCATG	3015
QY	841	GTCAAAATGTTGGAGATGTTGACTCTGGAATGTCCGCAAGATTCGCGGAGTGTGGTCTGAA	900
Db	3016	GTCAAAATGTTGGAGATGTTGACTCTGGAATGTCCGCAAGATTCGCGGAGTGTGGTCTGAA	3075
QY	901	TTCTCCCGCATGTGCGCAGGAGACCCCGACGGCTTTGTGGTCACTCCGAATGAGAACTTGGGC	960
Db	3076	TTCTCCCGCATGTGCGCAGGAGACCCCGACGGCTTTGTGGTCACTCCGAATGAGAACTTGGGC	3135
QY	961	CCAGCCAGTCCCTTTGGACAGCACTTTCACCGCTCACTGCTGAGAGAGCATGTGACATGGGG	1020
Db	3136	CCAGCCAGTCCCTTTGGACAGCACTTTCACCGCTCACTGCTGAGAGAGCATGTGACATGGGG	3195
QY	1021	GACCTGTGTGATGCTGAGAGATATCTGTGTAACCCAGCAGGAGGCTTCTCTGTCCAGACCTT	1080
Db	3196	GACCTGTGTGATGCTGAGAGATATCTGTGTAACCCAGCAGGAGGCTTCTCTGTCCAGACCTT	3255
QY	1081	GCCCCGGGCGCTGGGGGGCATGTGTCCACACAGGCACTGCAGCTCATTTACAGAGATGTGGC	1140
Db	3256	GCCCCGGGCGCTGGGGGGCATGTGTCCACACAGGCACTGCAGCTCATTTACAGAGATGTGGC	3315
QY	1141	GGTGGGGACCTGACACTAGGAGCTGTGAGCCCTCTGTGAAGAGAGGCCCCAGTCTCCACTG	1200
Db	3316	GGTGGGGACCTGACACTAGGAGCTGTGAGCCCTCTGTGTGAGAGAGGCCCCAGTCTCCACTG	3375
QY	1201	GCACCTCTCCGAAGGGGCTGTGCTCCGATGTATTTTGATGTGTGACTGTGGAAATGGGGGACGCC	1260
Db	3376	GCACCTCTCCGAAGGGGCTGTGCTCCGATGTATTTTGATGTGTGACTGTGGAAATGGGGGACGCC	3435
QY	1261	AAGGGGGCTGCAAGAGCCCTCCCAACACATGACCCCAAGCCCTCTACAGGGGTACAGTGAAGAC	1320
Db	3436	AAGGGGGCTGCAAGAGCCCTCCCAACACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC	3495
QY	1321	CCCAACAGTACCCCTGTGCCCTCTGTGACATGATGTGACTGTTGCCGCCCTGTGACCTGTGACGCC	1380
Db	3496	CCCAACAGTACCCCTGTGCCCTCTGTGACATGATGTGACTGTTGCCGCCCTGTGACCTGTGACGCC	3555
QY	1381	CAGCCTGAATATGTGAAACCAAGCAGATGTTCCGCCCCAGCCCCCTTGTGCCCCGAGAGGGC	1440
Db	3556	CAGCCTGAATATGTGAAACCAAGCAGATGTTCCGCCCCAGCCCCCTTGTGCCCCGAGAGGGC	3615
QY	1441	CCTTGTGCTGTGCCCCAGCCAGCTGTGGGTGGCCACTGTGAAAGAGGCCAAAGACTTCTGCCCA	1500
Db	3616	CCTTGTGCTGTGCCCCAGCCAGCTGTGGGTGGCCACTGTGAAAGAGGCCAAAGACTTCTGCCCA	3675
QY	1501	GGGAAAGATGGGGTGTCTCAAAAGACGTTTTTGCTTTGGGGGTGCCGTGAGAAACCCCGAG	1560
Db	3676	GGGAAAGATGGGGTGTCTCAAAAGACGTTTTTGCTTTGGGGGTGCCGTGAGAAACCCCGAG	3735
QY	1561	TACTTGAACCCCAAGGAGAGAGCTGCCCTCAGGCCCAACCTCTCTCTGTGACTTCAAGCCCA	1620
Db	3736	TACTTGAACCCCAAGGAGAGAGCTGCCCTCAGGCCCAACCTCTCTCTGTGACTTCAAGCCCA	3795
QY	1621	GCCTTGCACAACTCTATTACTGTGGACAGAGACCCACAGAGCGGGGGGCTCCACCCAGC	1680
Db	3796	GCCTTGCACAACTCTATTACTGTGGACAGAGACCCACAGAGCGGGGGGCTCCACCCAGC	3855
QY	1681	ACCTTCAAAGGAGACCTTACGGCAGAGAACCCAGAGTACTGTGGTCTGTGACGTGCCACTGTG	1740
Db	3856	ACCTTCAAAGGAGACCTTACGGCAGAGAACCCAGAGTACTGTGGTCTGTGACGTGCCACTGTG	3915

RESULT 13  
US-09-811-115-1  
; Sequence 1, Application US/09811115  
; Patent No. 6632979  
; GENERAL INFORMATION:  
; APPLICANT: Erickson, Sharon  
; APPLICANT: Schwall, Ralph  
; APPLICANT: King, Kathleen  
; TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL  
; FILE REFERENCE: GENE.0344  
; CURRENT FILING DATE: US/09/811,115  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/189,844  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FASTSEQ for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 9274  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Vector Sequence  
US-09-811-115-1

Query Match 99.9%; Score 1738.4; DB 4; Length 9274;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 AAGCAGCGCAGCAGAGATCCGGAAGTACACGATCCGAGACTCTGACGAGAAACGAG 60  
DB 3756 AAGCAGCGCAGCAGAGATCCGGAAGTACACGATCCGAGACTCTGACGAGAAACGAG 3815  
QY 61 CTGCTGAGAGCCGCTACACCTTAGCGGAGGATGCCCAACGAGCCGCAATGCGATCTCG 120  
DB 3816 CTGCTGAGAGCCGCTACACCTTAGCGGAGGATGCCCAACGAGCCGCAATGCGATCTCG 3875  
QY 121 AAAGAGAGAGCTAGAGAGGATGAAGGCTTGGATCTGGGCTTTTGGACAGCTTAC 180  
DB 3876 AAAGAGAGAGCTAGAGAGGATGAAGGCTTGGATCTGGGCTTTTGGACAGCTTAC 3935  
QY 181 AAGGCACTGAGATCTGATGAGGAGAAATGTAATTCAGTGGCCATCAAGTGTG 240  
DB 3926 AAGGCACTGAGATCTGATGAGGAGAAATGTAATTCAGTGGCCATCAAGTGTG 3995  
QY 241 AAGGAAACACATCCCCCAAGCAACAAAGAAATCTTAGAGCAAGCATGCTGCT 300  
DB 3996 AAGGAAACACATCCCCCAAGCAACAAAGAAATCTTAGAGCAAGCATGCTGCT 4055  
QY 301 GGTGGGCTCCCATATGTCCTCCGCTTCTGGGATCTGCTGACATCCACGGATGAG 360  
DB 4056 GGTGGGCTCCCATATGTCCTCCGCTTCTGGGATCTGCTGACATCCACGGATGAG 4115  
QY 361 CTGCTGACACAGCTTATGCTGATGCTGCTCTTGAACATGTCGGGAAACCGCGGA 420  
DB 4116 CTGCTGACACAGCTTATGCTGATGCTGCTCTTGAACATGTCGGGAAACCGCGGA 4175  
QY 421 CGCTGGGCTCCAGAGCTGCTGAATGCTGTATGACAGATTGCCAAGGGAGTAGCTAC 480  
DB 4176 CGCTGGGCTCCAGAGCTGCTGAATGCTGTATGACAGATTGCCAAGGGAGTAGCTAC 4235  
QY 481 CTGAGAGATGTCGGCTGTAACAGAGACTTGGCGCTGGGAAGCTGTGCTCAAGT 540  
DB 4236 CTGAGAGATGTCGGCTGTAACAGAGACTTGGCGCTGGGAAGCTGTGCTCAAGT 4295  
QY 541 CCCAACATGTCACAAATTTACAGACTTCGGGCTGGCTCTGAGCAATTGACGAGCA 600  
DB 4296 CCCAACATGTCACAAATTTACAGACTTCGGGCTGGCTCTGAGCAATTGACGAGCA 4355  
QY 601 GAGTACCATGAGATGGGGGCAAGGTGCCATCAATGAGTGGCTGAGTCAATTCTC 660  
DB 4356 GAGTACCATGAGATGGGGGCAAGGTGCCATCAATGAGTGGCTGAGTCAATTCTC 4415

QY 661 CGCCGCGGTTCAACCACAGATGATGTGAGTATGTGTACTGTGTGGAGCTG 720  
DB 4416 CGCCGCGGTTCAACCACAGATGATGTGAGTATGTGTACTGTGTGGAGCTG 4475  
QY 721 ATGACTTTTGGGGCCAAACCTTAGAGATCCAGCCGAGAGATCCCTGACCTGCTG 780  
DB 4476 ATGACTTTTGGGGCCAAACCTTAGAGATCCAGCCGAGAGATCCCTGACCTGCTG 4535  
QY 781 GAAAAGGGGAGCGCTGCCAGCCCCCACTTGCACCAATGATGTACATGATCATG 840  
DB 4536 GAAAAGGGGAGCGCTGCCAGCCCCCACTTGCACCAATGATGTACATGATCATG 4595  
QY 841 GTCAATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
DB 4596 GTCAATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 4655  
QY 901 TTTCTCCGATGAGCCAGGAGACCCCAAGGCTTTGTGTATTCAGAAATGAGACTTGGGC 960  
DB 4656 TTTCTCCGATGAGCCAGGAGACCCCAAGGCTTTGTGTATTCAGAAATGAGACTTGGGC 4715  
QY 961 CCAGCAGATCCCTTGGACAGCAGCTTCTACGCTCACTGCTGAGAGAGATGAGAG 1020  
DB 4716 CCAGCAGATCCCTTGGACAGCAGCTTCTACGCTCACTGCTGAGAGAGATGAGAG 4775  
QY 1021 GACCTGTGATGCTGAGAGATCTGATGATGATGATGATGATGATGATGATGATGATG 1080  
DB 4776 GACCTGTGATGCTGAGAGATCTGATGATGATGATGATGATGATGATGATGATGATG 4835  
QY 1081 GCTCCGCGCTGGGGGAGATGCTGACACAGGACCCGAGCTCATCTACAGAGATGTC 1140  
DB 4836 GCTCCGCGCTGGGGGAGATGCTGACACAGGACCCGAGCTCATCTACAGAGATGTC 4895  
QY 1141 GGTGGGAGCTGACACTAGAGGCTGAGGCTCTGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
DB 4896 GGTGGGAGCTGACACTAGAGGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 4955  
QY 1201 GCACCTCCGAGAGGGGCTGGCTCCGATGATTTGATGATGATGATGATGATGATGATG 1260  
DB 4956 GCACCTCCGAGAGGGGCTGGCTCCGATGATTTGATGATGATGATGATGATGATGATG 5015  
QY 1261 AAGGGCTGCAAGGCTTCCCAACATGATCCAGCCTCTACAGCGGTACATGAGAG 1320  
DB 5016 AAGGGCTGCAAGGCTTCCCAACATGATCCAGCCTCTACAGCGGTACATGAGAG 5075  
QY 1321 CCGACAGTACCCTGCTGAGACTGATGATGATGATGATGATGATGATGATGATGATG 1380  
DB 5076 CCGACAGTACCCTGCTGAGACTGATGATGATGATGATGATGATGATGATGATGATG 5135  
QY 1381 CAGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1440  
DB 5136 CAGCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 5195  
QY 1441 CCTTGCCTGCTGCCGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
DB 5196 CCTTGCCTGCTGCCGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 5255  
QY 1501 GGAAGAGATGGGCTGTCAAGAGCTTTTGTGCTTTGGGGGCTGCTGAGAGAACCCGAG 1560  
DB 5256 GGAAGAGATGGGCTGTCAAGAGCTTTTGTGCTTTTGGGGGCTGCTGAGAGAACCCGAG 5315  
QY 1561 TACTTGAACACCCAGAGAGAGAGCTGCCCTGACGCCCACTCTCTGCTTCAAGCCA 1620  
DB 5316 TACTTGAACACCCAGAGAGAGAGCTGCCCTGACGCCCACTCTCTGCTTCAAGCCA 5375  
QY 1621 GCTTTCGACAACTTATTAATGAGACAGAGACCCAGAGAGAGAGAGAGAGAGAGAG 1680  
DB 5376 GCTTTCGACAACTTATTAATGAGACAGAGACCCAGAGAGAGAGAGAGAGAGAGAG 5435  
QY 1681 ACCTTCAAGAGAGACCTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1740  
DB 5436 ACCTTCAAGAGAGACCTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 5495

RESULT 14  
US-08-229-515A-14  
Sequence 14, Application US/08229515A  
Patent No. 551885  
GENERAL INFORMATION:  
APPLICANT: RAZIUDIN  
APPLICANT: SARKAR, FAZUL H  
TITLE OF INVENTION: ERBB2 PROMOTER BINDING PROTEIN IN  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG PC  
STREET: 127 Peachtree Street, Suite 1200  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: usa  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/229,515A  
FILING DATE: 19 APR 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: PERRYMAN, DAVID G  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414.608  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3955 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-229-515A-14  
Query Match 80.3%; Score 1396.6; DB 1; Length 3955;  
Best Local Similarity 87.7%; Pred. No. 0;  
Matches 1525; Conservative 0; Mismatches 214; Indels 0; Gaps 0;  
QY 1 AAGGACGCGCAGAGATCCGGAAGTACAGATCCGAGACTGCTCAGAGAAACGAG 60  
DB 2057 AAAGGAAGAGACGAGAATCCGGAAGTACAGATCCGAGACTGCTCAGAGAACTGAG 2116  
QY 61 CTGTGTGAGCCGCTGACACCTAGCGGAGCGATGCCCAACGAGCGCAGATGCCATCTG 120  
DB 2117 TTAGTGGAGCCGCTGACCCCAAGCGGCAATGCCCACAGGCTCAATGCGGATCCTA 2176  
QY 121 AAAGGAGAGAGCTGAGGAAGGTGAAGTGTGATCTGCGCTCTTTGGACAGACTAC 180  
DB 2177 AAAGGAGAGAGCTGAGGAAGGTGAAGTGTGATGATGAGAGCTTTTGGACAGCTTAC 2236  
QY 181 AAGGCACTGTGATCCCTGATGAGGAGAGATGAAATTCAGATGGCCATCAAAGTGTG 240  
DB 2237 AAGGCACTGTGATCCCTGATGAGGAGAGATGAAATTCAGATGGCCATCAAAGTGTG 2296  
QY 241 AAGGAAACACATCCCAAAACCAAAAGAAATCTTGAAGAACTACGTGATGCT 300  
DB 2297 AAGGAAACACATCCCTTAAAGCCAAAGAAATTTAGATGAAGCTATGTGATGCT 2356  
QY 301 GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGAGCACTGCTGATCACTCAAGTGTGAG 360  
DB 2357 GGTGTGGGCTTCCCTATGTGTCTCCCGCTTCTGAGCACTGCTGATCACTCAAGTGTGAG 2416  
QY 361 CTGTGTGACAGACTTATGCGCTGATGCTGCTTGAAGCAATGTCCGAGAAACCGCGGGA 420  
DB 2417 CTGTGTGACAGACTTATGCGCTTACGCGCTGCTTCTGAGCAATGTCCGAGAAACCGAGGT 2476

QY 421 CGCCTGGGCTCCAGGACCTGCTGAAGTGTATGAGAAATTTGCCAAGGGATGAGCTAC 480  
DB 2477 CGCCTAGGCTCCAGGACCTGCTGAAGTGTATGAGAAATTTGCCAAGGGATGAGCTAC 2536  
QY 481 CTGAGAGATGTGGGCTGTACACAGGAGACTTGGCCGCTCGGAACGTCTGTGCAAGGT 540  
DB 2537 CTGAGAGACGTGGGCTGTGTACACAGGAGACTTGGCCGCTCGGAATGTGTGCTACAAGGT 2596  
QY 541 CCGAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGTGACATTGACGAGACA 600  
DB 2597 CCGAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGTGACATTGAGAGACA 2656  
QY 601 GAGTACCATGAGATGGGGGCAAGGTGCCATCAAGGGAATGGGCGAGATCCATCTC 660  
DB 2657 GAGTACCATGAGATGGGGGCAAGGTGCCATCAAGGGAATGGGCGAGATCCATCTC 2716  
QY 661 CGCCGGCGGTTCACCCACAGAGATGTGTGAGTATGATGTGACTGTGTGGAGACTG 720  
DB 2717 AGAGCGCGGTTCACCCACAGAGATGTGTGAGTATGAGTATGAGTGTGTGGAGACTG 2776  
QY 721 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCAGCCCGGAGATCCCTGACTGCTG 780  
DB 2777 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCAGCCCGGAGATCCCTGACTGCTG 2836  
QY 781 GAAAGGGGAGCGGCTGCCCAAGCCGCCCATCTGCAACATTTGATGTCTACATGATG 840  
DB 2837 GAGAAAGGAGAACCCCTACCTCAGCTCCCAATCTGCAACATTTGATGTCTACATGATG 2896  
QY 841 GTCAATGTGATGATTTGACTCTGAAATGTGCGCAAGATTCGAGATTGCTGTGAA 900  
DB 2897 GTCAATGTGATGATTTGACTCTGAAATGTGCGCAAGATTCGAGATTGCTGTGAA 2956  
QY 901 TTCTCCGCAATGGCCAGGAGACCCCAAGCGCTTTGTGTATCCGAATGAGACTTGGGC 960  
DB 2957 TTTTCAGTATGGGAGGAGACCCCAAGCGCTTTGTGTATCCGAATGAGACTTGGGC 3016  
QY 961 CCAAGCACTGCTTGTGACAGCACTTTACCGCTCACTGCTGTGAGAGACATGATGGGG 1020  
DB 3017 CCATCCAGCCCAATGAGACATCTTACCGCTCACTGCTGTGAGAGATGATGATGGGT 3076  
QY 1021 GACCTGTGATGTGTGAGAGATCTGTATCTGATCCCAAGGAGCTTCTGTGACAGACCT 1080  
DB 3077 GACCTGTGATGTGTGAGAGATCTGTATCTGATCCCAAGGAGCTTCTGTGACAGACCT 3136  
QY 1081 GCCCGGGGCGCTGGGGGCAATGTGTCACACAGGCAAGCCAGCTTATCTACAGGAGTGC 1140  
DB 3137 ACCCAGGCACTGGGAGACAGCCCATAGAAGGACCGCAGCTGTCCACAGGAGTGA 3196  
QY 1141 GGTGGGACCTGACACTAGAGGCTGAGACCTCTTGAAGAAGAGGCCCAAGTCTCCACTG 1200  
DB 3197 GGTGTGAGCTGACACTGGGCTGTGAGCCCTTCGGAAAGAGGCCCCCAAGATCTCCACTG 3256  
QY 1201 GCACCTCCGAAAGGGGCTGGCTCCGATTTTATGATGTGACTTGGGAATGGGGGAGGCC 1260  
DB 3257 GCTCCTCTGGAGGGGCTGGCTCCGATTTTATGATGTGACTTGGGAATGGGGGAGGCC 3316  
QY 1261 AAGGGGCTGCAAAACCTTCCCAACATGACCCCAAGCCCTCTACAGCGGTACAGTGAAGAC 1320  
DB 3317 AAGGGGCTGCAAAACCTTCTCCACATGACCTCAAGCCCTCTACAGCGGTACAGGAGAC 3376  
QY 1321 CCACAGTACCTGCTGCTGCTGAGACTGATGAGTGAAGTGTGCTGAGCTGAGACCTGAGCC 1380  
DB 3377 CCACATTTACTCTGCTGCTGCTGAGACTGATGAGTGTGCTGAGCTGAGACCTGAGCC 3436  
QY 1381 CAGCGTGAATATGGAACCAAGCCAGATGTGCGGCCAGCCCTTGGCCCGGAGAGGGC 1440  
DB 3437 CAGCGTGAATATGGAACCAATCAAGGTTCAAGCTTCAAGCTTCTTAACTCCAGAGGGT 3496  
QY 1441 CCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
DB 3497 CCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3556  
QY 1501 GGGAAAGATGGGGTGTCAAAAGAGTTTTTGGCTTTGGGGGTGCGGTGAGAAACCCGAG 1560

Db 3557 GGGAGAAATGGGGTGTCAAAAGACGTTTTTGGCTTGGGGGTGCTGTGAGAAACCTGAA 3616  
Qy 1561 TACTTGACACCCGAGAGAGAGCTGCCCTCAGACCCCACTCTCTCTTCAGCCCA 1620  
Db 3617 TACTTAGTACCGAGAGAGAGAGCTGCTCTCCGCCCACTCTCTCTTCAGCCCA 3676  
Qy 1621 GCGTTCGACAACTCTATTACTGTGAGACCAAGACCAAGAGCGGGGGCTTCACCCAGC 1680  
Db 3677 GCGTTCGACAACTCTATTACTGTGAGACCAAGACCAAGAGCGGGGGCTTCACCAAGT 3736  
Qy 1681 ACCTTCAAGGAGACCTTACCGCAGAGAACCCAGAGTACTGAGTCTGAGACCTGCCAGT 1739  
Db 3737 AACCTTGAAGGAGACCCCACTGCAAGAACCTGAGTACTGAGTCTGAGTCTGAGT 3795

RESULT 15  
US-08-645-865-14

Sequence 14, Application US/08645865  
Patent No. 5654406  
GENERAL INFORMATION:  
APPLICANT: RAZIUDIN  
APPLICANT: SARKAR, FAZUL H  
TITLE OF INVENTION: ERBB2 PROMOTER BINDING PROTEIN IN  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG PC  
STREET: 127 Peachtree Street, Suite 1200  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/645,865  
FILING DATE: 14 MAY 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: PERRYMAN, DAVID G  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414.608  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3955 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-645-865-14

Query Match 80.3%; Score 1396.6; DB 1; Length 3955;

Beet Local Similarity 87.7%; Pred. NO. 0;

Matches 1525; Conservative 0; Mismatches 214; Indels 0; Gaps 0;

Qy 1 AAGCGACGCGACGAGATCGGAAGTACACGATGCGGAGCTGTGCAAGAAACGAG 60  
Db 2057 AAAGCGAAGAGACAGAAATCCGAAATGATGATGATGATGATGATGATGATGATG 2116  
Qy 61 CTGTGTGAGCCGCTGACACTAGCGAGCGATGCCCAACAGCGCGACAGATGCGATCTGTG 120  
Db 2117 TTAGGTGAGCGCGCTGACCGCCAGCGGAGCAATGCCCAACAGCGCGACAGATGCGATCTGTG 2176  
Qy 121 AAAGAGAGAGCTGAGAGAGTGAAGGTGCTTGTGATCTGGCGCTTTTGGCAGCACTTAC 180  
Db 2177 AAAGAGAGAGCTGAGAGAGTGAAGGTGCTTGTGATGATGATGATGATGATGATGATG 2236

Qy 181 AAGGCATCTGTGATCTCTGATGGGAGATGTGAAAATTCACATGCGCATCAAGTGTG 240  
Db 2237 AAGGGCATCTGTGATCTCTGATGGGAGATGTGAAAATTCACATGCGCATCAAGTGTG 2296  
Qy 241 AAGGAAACACATCTCTGATGGGAGATGTGAAAATTCACATGCGCATCAAGTGTG 300  
Db 2297 AAGGAAACACATCTCTGATGGGAGATGTGAAAATTCACATGCGCATCAAGTGTG 2356  
Qy 301 GGTGTGGGCTCCCATATGTCTCCCGCTTGTGGGATCTGCGTCAATGCAAGTGTGAG 360  
Db 2357 GGTGTGGGCTCCCATATGTCTCCCGCTTGTGGGATCTGCGTCAATGCAAGTGTGAG 2416  
Qy 361 CTGTGTGACACAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 420  
Db 2417 CTGTGTGACACAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2476  
Qy 421 GCGCTGGGCTCCGAGAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATG 480  
Db 2477 GCGCTGGGCTCCGAGAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATG 2536  
Qy 481 CTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 540  
Db 2537 CTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2596  
Qy 541 CCAACCATGTCAAATTAACAGACTTGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 600  
Db 2597 CCAACCATGTCAAATTAACAGACTTGGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 2656  
Qy 601 GAGTACCATGAGATGGGGGCAAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 660  
Db 2657 GAGTACCATGAGATGGGGGCAAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 2716  
Qy 661 GCGCGGGGGCTCACCCACAGAGATGATGATGATGATGATGATGATGATGATGATGATG 720  
Db 2717 GAGCGGGGGCTCACCCACAGAGATGATGATGATGATGATGATGATGATGATGATGATG 2776  
Qy 721 ATGACTTTTGGGGCCAACTTAACAGATGATGATGATGATGATGATGATGATGATGATG 780  
Db 2777 ATGACTTTTGGGGCCAACTTAACAGATGATGATGATGATGATGATGATGATGATGATG 2836  
Qy 781 GAAAAAGGGGAGCGGCTGCGGAGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 840  
Db 2837 GAAAAAGGGGAGCGGCTGCGGAGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTG 2896  
Qy 841 GTCAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 2897 GTCAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2956  
Qy 901 TTTCTCCGATGAGCAAGGAGACCCCGAGCGCTTGTGTGATGATGATGATGATGATGATG 960  
Db 2957 TTTCTCCGATGAGCAAGGAGACCCCGAGCGCTTGTGTGATGATGATGATGATGATGATG 3016  
Qy 961 CCAGCGAGTCCCTTGGACAGCACTTCTACCGCTCACTGTGAGAGAGATGACATGAGGG 1020  
Db 3017 CCATTCAGCCCGATGAGCAAGTACCTTCTACCGCTCACTGTGAGAGAGATGACATGAG 3076  
Qy 1021 GACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080  
Db 3077 GACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3136  
Qy 1081 GCGCGGGGCGCTGGGAGAGTGTCCACCAAGGAGCAAGGAGCAAGGAGCAAGGAGCAAGG 1140  
Db 3137 ACCCGAGGACCTGGGAGAGTGTCCACCAAGGAGCAAGGAGCAAGGAGCAAGGAGCAAG 3196  
Qy 1141 GGTGGGAGCTGACACTAGAGGCTGAGGCTTCTGAAAGAGAGGCTCCCGAGTCTTCACTG 1200  
Db 3197 GGTGGGAGCTGACACTAGAGGCTGAGGCTTCTGAAAGAGAGGCTCCCGAGTCTTCACTG 3256  
Qy 1201 GCACCTTCGAGAGGGGCTGGCTCCGATGATGATGATGATGATGATGATGATGATGATGATG 1260  
Db 3257 GCCTCCTCGAGAGGGGCTGGCTCCGATGATGATGATGATGATGATGATGATGATGATGATG 3316  
Qy 1261 AAGGGGCTGCAAACTCTCCCAACATGACCCAGCCCTTCAAGCGGTACAGTGAAGAC 1320



Db 3317 AAAAGGCTGAGAGACCTCTCTCCACATGACCTCAGCCCTCAACAGCGGTACAGGAGAC 3376  
Oy 1321 CCCACAGTACCCCTGCTGAGACTGATGGCTACGTTGCCCCCTGACCTGACGCCCC 1380  
Db 3377 CCCACATTAACCTTGTGCCCCCCCCGAGACTGATGGCTATGTTGCTCCCTGAGCCGCC 3436  
Oy 1381 CAGCGTGAATATGTGAACACAGCCAGATGTTGGCCCCAGCCCTTCCGCCCGAGAGGAC 1440  
Db 3437 CAGCCCGAGTATGTGAACCAATCAAGAGTTCAAGCTTCAAGCTTCACTTTAAACCCAGAGGAT 3496  
Oy 1441 CCTTGCTGCTGCTGCCCCGACCTGCTGTGCTCACTCTGAAAAGGCCCAAGATCTCTCCCA 1500  
Db 3497 CCTTGCTGCTGCTGCCCCGACCTGCTGTGCTCACTCTGAAAAGGCCCAAGATCTCTCTCT 3556  
Oy 1501 GGAAGAATGGGGTGTCTGAAGAGCTTTTTCCTTTGGGGGGTGCCTGAGAACCCCGAG 1560  
Db 3557 GGAAGAATGGGGTGTCTGAAGAGCTTTTTCCTTTGGGGGGTGCCTGAGAACCCCGAG 1616  
Oy 1561 TACTTGACACCCCAAGGAGAGCTGCCCTCAGCCCACTCTCTCTGCTGACGCCCA 1620  
Db 3617 TACTTGAATACCGAAGAGAGAGCTGCCCTCAGCCCACTCTCTCTGCTGACGCCCA 3676  
Oy 1621 GCCTTGACAACTCTTATTATCTGGGACCAAGACCAAGCGGGGGGCTTCACCCAGC 1680  
Db 3677 GCCTTTGCAACCTCTATTATCTGGGACCAAGACTCATGAGAGGGGGCTTCACCAAGT 3736  
Oy 1681 ACCTTCAAGGAGACCTCAGGCAAGAACCAAGTACTGGGCTGGAAGTGCAGT 1739  
Db 3737 AACTTGAAGGAGACCCCACTGCAAGAACCTTGATCTTAAGGCTTGAATGACTCT 3795

## RESULT 16

US-09-715-249-1

; Sequence 1, Application US/09715249  
; Patent No. 679614  
; GENERAL INFORMATION:  
; APPLICANT: NOVARTIS AG  
; APPLICANT: VERES, GABOR  
; APPLICANT: PIPPIG, SUSANNE  
; TITLE OF INVENTION: selectable cell surface marker genes  
; FILE REFERENCE: 4-31192  
; CURRENT APPLICATION NUMBER: US/09/715,249  
; PRIOR FILING DATE: 2000-11-17  
; PRIOR APPLICATION NUMBER: us 60/166594  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: us 09/539248  
; PRIOR FILING DATE: 2000-03-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 3633  
; TYPE: DNA  
; ORGANISM: EGFR  
; US-09-715-249-1

Query Match Best Local Similarity 35.2%; Score 612.2; DB 4; Length 3633;

Matches 792; Conservative 0; Mismatches 278; Indels 3; Gaps 1;

Oy 1 AAGGACGGCAGCAGAGATCCGAAGTACAGATGCGGAGACTGCTGACAGAAACGGAG 60  
Db 2002 ATGCGAAGCGCCACATGCTTCGAAAGCGCAGCTGCGGAGGCTCTCAAGAGAGGAG 2061  
Oy 61 CTGTGAGAGCCGCTGACACCTTAGCGGAGCGATGCCCAACAGGGCAATGCGATCCTG 120  
Db 2062 CTGTGAGAGCCGCTTACACCCAGTGAAGAGCTCCCAACAGGCTCTTGAAGATCTTG 2121  
Oy 121 AAAGAGACGAGCTGAGAGAGTGAAGGCTTGGATCTGGGCGCTTTGGGACAGTCTAC 180  
Db 2122 AAGGAATCTGAATTAATAAAGATCAAAAGTCTGGGCTCCGGTCTTGCGACGGTGTAT 2181  
Oy 181 AAGGCAATCTGGATCCCTGATGGGAGAGATGAAAATTCCAGTGGCATCAAAAGTGTG 240

Db 2182 AAGGACTGTGATCCCAAGAGAGTGAAGATTAATAATCCCGCTATCAAGAAATTA 2241  
Oy 241 AGGAAAAACATCCCAAGAGAGAGTGAAGATTAATAATCCCGCTATCAAGAAATTA 300  
Db 2242 AGAAGACACATCTCCGAAGAGAGAGTGAAGATTAATAATCCCGCTATCAAGAAATTA 2301  
Oy 301 GGTGTGGGCTCCCAATATGTCTCCGCTTTGCGGACTTGTGCAATCCACGCTGAG 360  
Db 2302 AGCTGAGACAAACCCCAAGTGTGCGCTGCTGGGACTGTGCTCACTCCACCGTGC 2361  
Oy 361 CTGTGACACAGCTTAATGCTTATGCTGCTCTTAACATGTCGGGAAACCGGGA 420  
Db 2362 CTGATCAGAGAGCTCAATGCTTGTGCTGCTCTGAGCTATGTCGGGAAACCAAGAC 2421  
Oy 421 CGCTGGGCTCCCAAGAGCTGCTGAAGTGTGATGAGATTTGCAAGGGAGTAC 480  
Db 2422 AATATGCTCTCCAGTACTGCTCACTGCTGTGAGATGCAAGTGGAGTGAATCACTAC 2481  
Oy 481 CTGAGAGATGTGCGGCTGTACACAGGAGCTTGGCGCTGGAACGTGCTGCAAGAT 540  
Db 2482 TTGAGAGACCGTGGCTTGTGCAACCGGACCTGGACAGAGAGTACTGTGAGAAACA 2541  
Oy 541 CCCAACATGTCAAAATTAACAGACTTGGGGTGTGCTGGCTGAGCATTTGAGAGACA 600  
Db 2542 CCGCAGATGTCAAGATCAAGATTTGGCTGGCCAACTGTGGGTGCGGAAGAGAA 2601  
Oy 601 GAGTACCATGAGATGGGGGCAAGTCCCATCAAGTGAATGGCTGAGTCCATTCTC 660  
Db 2602 GAATACCATGAGAGAGAGAGGCAAGTCTCATCAAGTGAATGGATTTGAATCAATTTTA 2661  
Oy 661 CGCCGGGCTTCAACCAACAGAGATGTGTGAAGTATGTGACTGTGTGAGAGCTG 720  
Db 2662 CACAGATCTATACCAACAGAGATGTGTGAGTATCGGAGTGAACGTTGGGAGTTG 2721  
Oy 721 ATGACTTTGGGAGCAAACTTACAGATGGATCCCAACCGGAGATTCCTGACTGCTG 780  
Db 2722 ATGACTTTGGATCAAGCATATGACGGAATCCCTCCAGCGAGATCTCTCATCTG 2781  
Oy 781 GAAAGGGGGAGCGGCTGCCCCAGCCCACTGCAACATGATGTCTACATGATCATG 840  
Db 2782 GAGAAAGAGAACCTCTCTCAGCCACCAATATGATACATGATGATGATGATGATG 2841  
Oy 841 GTCAATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 2842 GTCAAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2901  
Oy 901 TTCTCCGAGTGGCGAGGAGACCCCAAGCGCTTGTGTGATCCA---GAATGAGAGCTG 957  
Db 2902 TTCTCAAAATGGGCCGAGACCCCAAGCGCTTGTGTGATCCAAGGAGATGAAGATG 2961  
Oy 958 GGCCAGCAGTCCCTTGGAGACAGCACTTACCGCTCACTGCTGAGAGAGATGACATG 1017  
Db 2962 CATTTGCCAATGCTTCAAGACTTCAACTTTCACTGCTGCTGAGTGAAGAGACATG 3021  
Oy 1018 GGGGACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1070  
Db 3022 GAGCAGGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3074

## RESULT 17

US-08-475-035-3

; Sequence 3, Application US/08475035  
; Patent No. 598553  
; GENERAL INFORMATION:  
; APPLICANT: KING, C. R.  
; APPLICANT: KRAUS, MATTHIAS H.  
; APPLICANT: AARONSON, STUART A.  
; TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM  
; TITLE OF INVENTION: EGF RECEPTOR GENE  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: NEEDLE & ROSENBERG, P. C.



STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/475,035  
FILING DATE: 7 Jun 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414.656  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5532 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 187..3816  
US-08-475-035-3

Query Match 35.2%; Score 612.2; DB 2; Length 5532;  
Best Local Similarity 73.8%; Pred. No. 1.3e-150;  
Matches 792; Conservative 0; Mismatches 278; Indels 3; Gaps 1;

1 AAGCGACGCGACGAGAGATCCGGAAGTACACGATGCGGAGACTGTCAGAGAAACGAG 60  
2188 ATGCGAAGCGCGACATGCTTCGGAAGCGACGCTGCGGAGCTGTCAGAGAGAGGAG 2247

61 CTGTGTGAGCGCGCTGACACCTTAGCGGAGGATGCCAACGAGCGGACAGTGGATCTTG 120  
2248 CTGTGTGAGCGCGCTTACACCGAGTGGAGAGGCTCCCAACAGCTCTTGTGAGATCTTG 2307

121 AAAGAGACGAGCTGAGAGAGTGAAGTCTGTGATCTGGCGCTTTTGGACAGCTTAC 180  
2308 AAGGAATCTGAATTTAAAGATCAAGTGTGGCTCCGCTGCGGACGAGTGTAT 2367

181 AAGGCATCTGGATCCCTGATGAGGAGATGAAATTTCCAGTGGCATCAAGTGTG 240  
2368 AAGGACTCTGTATCCCAAGAGTGAAGATTTCCGCTGCTATCAAGATTTA 2427

241 AAGGAAACACATCCCAAGAGCAACAAAGAAATCTTAGAGAGACATAGCTGTGCT 300  
2428 AAGAGACGAGATCTCCGAAAGCAACAAAGAAATCTTAGAGAGCTTACGTTAGGCC 2487

301 GGTGTGGGCTCCCATATGTCTCCGCTCTTGGGACATGCTGACATCCAGCGGTGAG 360  
2488 AGCGTGAACAACCCGACGTGTGCGCTGCGGACATGTGCTTACCTCCACGCTGCA 2547

361 CTGTGTACACAGCTTATGCTCCCTATGCTGCTCTTAGACATGTCCGGAAGAAACGCGGA 420  
2548 CTGATCAGCAGCTATGCTCCCTTGGCTGCTCCCTGAGCTATGTCCGGAACACAAAGAC 2607

421 CGCTGGGCTCCGACAGACCTGTGTAATGTGTATGACGATTTGCAAGGAGTGAAGTAC 480  
2608 AATATGGCTCCCACTACCTGCTCAACTGTGTGTGACAGATGCAAGAGGCACTGAAGTAC 2667

481 CTGAGAGATGAGCGGCTGTACACAGGAGCTTGGCGGCTCCGGAAGTGTGTGCTCAAGAGT 540  
2668 TTGAGAGACCGTGTGTGTGACCGGACCTGAGGACGAGGAAGTGTGTGTAACA 2727

541 CCCAACCATGTCAAAATTTACGACTTGGGCTGGCTGGCTGCTGACATTTGACAGAC 600  
2728 CCGCAGACTGTCAAGATACAGATTTTGGCTGGCCAAATCTGGGTGCGAAGAGAAA 2787

601 GAGTACCATGACAGATGGGGGGAAGGTGGCCATCAAGTGGATGGCGTGAAGCTTCTC 660  
2788 GAATACCATGCAAGAGAGGAGGAGAGTGTCTCAAGTGAATGGCATTTGGAATCAATTTTA 2847

661 CGCCGCGGCTTACCCACACAGATGATGTGAGATTATGATGTGACTGTGTGGAGCTG 720  
2848 CACAGAACTATACCCACACAGATGATGTGAGACTTACGAGGAGTACCGTTTGGAGTGTG 2907

721 ATGACTTTGGGCGCAAACTTTAGAGTGGATCCGACCGGAGATCTTGACTCTGTG 780  
2908 ATGACTTTGGATCCAGCCATATGACGGAATCCCTGACCGAGATCTCTCCATCTGTG 2967

781 GAAAAGGGGAGCGGCTGCGCCGACCCGCTGACACCATTTGATGTATATATGATCATG 840  
2968 GAGAAAGGAGAACGCTCTCCACGACCATATATGATCATGATGTCTTACATGATCATG 3027

841 GTCAATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
3028 GTCAAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3087

901 TTCTCCGATGCGCAGGAGACCCGACGCTTTGTGTATCA--GAATGAGACTTG 957  
3088 TTCTCCAAATGAGCGCGAGACCCGACGCTTTGTGTATCAAGGAGGATGAAAGATG 3147

958 GGGCAGCAGTCTCTTGGAGAGACCTTTCAACGCTCTCACTGTGAGAGAGATGACATG 1017  
3148 CATTTGCCAAGTCTTACAGACTTCAACTTTCAGTGTGCTGATGATGATGATGATGATG 3207

1018 GAGGACCTGTGATGCTGAGAGATGATGATGATGATGATGATGATGATGATGATGATG 1070  
3208 GACGACGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3260

RESULT 18  
US-09-676-610B-17  
Sequence 17, Application US/09676610B  
Patent No. 644465  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Jacqueline Wyatt  
APPLICANT: Susan M. Preler  
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HBR-1 EXPRESSION  
FILE REFERENCE: RTS-0138  
CURRENT APPLICATION NUMBER: US/09/676,610B  
CURRENT FILING DATE: 2000-09-29  
NUMBER OF SEQ ID NOS: 182  
SEQ ID NO 17  
LENGTH: 5532  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (187)....(3819)  
US-09-676-610B-17

Query Match 35.2%; Score 612.2; DB 4; Length 5532;  
Best Local Similarity 73.8%; Pred. No. 1.3e-150;  
Matches 792; Conservative 0; Mismatches 278; Indels 3; Gaps 1;

1 AAGGACGCGACGAGAGATCCGGAAGTACACGATGCGGAGACTGTCAGAGAAACGAG 60  
2188 ATGCGAAGCGCGACATGCTTCGGAAGCGACGCTGCGGAGCTGTCAGAGAGAGGAG 2247

61 CTGTGTGAGCGCGCTGACACCTTAGCGGAGGATGCCAACGAGCGGACAGTGGATCTTG 120  
2248 CTGTGTGAGCGCGCTTACACCGAGTGGAGAGGCTCCCAACAGCTCTTGTGAGATCTTG 2307

121 AAAGAGACGAGCTGAGAGAGTGAAGTCTGTGATCTGGCGCTTTTGGACAGCTTAC 180



Oy	434	AGGACCTGCTGTAACGTGGGTATGACAGATTTGCAAGGGAGATGACTGACAGATGTGC	493
Db	694	AGCTGCTGTTGAATCTGTGTGTCCAGATTTGCTTAAAGGAATGATGTACTTAAGAAAGAAC	753
Oy	494	GGCTCTGTAACACAGGACTTGGCCGCTCGGAAGTGTCTGTCAAGAGTCCAAACATGTCA	553
Db	754	GGCTTGTTCAATCGGGATCTGGGAGCCCGCAATGTCTTAGTGAAATCTCCAATCATGTTA	813
Oy	554	AAATTACAGACTTCGGGCTGGCTCGGCTGTGTGACATTGACGACACAGATGCCATGTGAC	613
Db	814	AAATCACAGATTTTGGACTGGCCCGGCTCTTGGAAAGGAATGAAAMAAATACATGTCTG	873
Oy	614	ATGGGGGCAAGGTGGCCCATCAAGTGGATGGCGGTGAGTCCATTTCTCGCCGGCGGTCA	673
Db	874	ATGTGTGGCAAGATGCCAATTAATGATGGCTCTGGAAATGTAATCATTTATGAAATTTCA	933
Oy	674	CCCAACCAAGTATGTGTGAGATTATGTGTGTGACTGTGTGGAGCTGATGACTTTTGGGG	733
Db	934	CACATCAAAAGTATGTTTGGAGCTATGGCGTCACTATATGGGAATCTGATGACTTTGGAG	993
Oy	734	CCAAACCTTACGATGGGATCCGAGCCGGGAGATCTTGACCTGTGTGAAAAGGGGAGCC	793
Db	994	GAAAGCCCTTAATGATGGAATTTCCAAACCCAGAAATCCCGATTTATCGAAGAAAGGAGAGC	1053
Oy	794	GGCTGGCCCAAGCCCCCATCTGACACCATGATGTCTATATGATCATATGATCAATGTGTGA	853
Db	1054	GTCTGCTCTACACCTCCCATCTGCACTATTGATGATTTAATAGGTCAATGTGTCAATGTGTGA	1113
Oy	854	TGATTTGACTCTGAATGTGTGCGCCCAAGATTCCGGGAGTGTGTGTGATTTCTCCGACATGG	913
Db	1114	TGATGTAGTCTGACACGACGACCTTAATTTCAAAAGACTGGCTGTGTGAGTTTTCAGAAATGG	1173
Oy	914	CCAGGGACCCCAAGCGCTTTTGTGTCTATCCAGATGAGAA--CTTGGGCCCAAGCCAGTTC	970
Db	1174	CTAAGAGACCTTCAAAAGATACTAGTATTTCAGGGTGAATGTATGAAAGCTTCCCAATGC	1233
Oy	971	CCTTGGACAGACCTTCTTACCGGCTCACTGTGTGAGAGAGATGACATGGGGGACCTGTGGT	1030
Db	1234	CAAAATGACAGCAAAATCTTCCAGAAATCTTGTGATGAAGAGATTTGGAAAGCATGATGG	1293
Oy	1031	ATGTGAGAGATATCTGTATCCCGCAG	1056
Db	1294	ATGTGAGAGATATTTGTGTCCCGCAG	1319

RESULT 20  
 US-08-237-401A-3  
 Sequence 3, Application US/08237401A  
 Patent No. 5837448  
 GENERAL INFORMATION:  
 APPLICANT: Lemke Ph.D. et al., Greg E.  
 TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES  
 NUMBER OF SEQUENCES: 54  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 4225 Executive Square, Suite 1400  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: US  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/237,401A  
 FILING DATE: 02-MAY-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/884,486  
 FILING DATE: 15-MAY-1992  
 ATTORNEY/AGENT INFORMATION:

NAME:	Haile Ph.D., Lisa A.
REGISTRATION NUMBER:	38,347
REFERENCE/DOCKET NUMBER:	07251/007001
TELECOMMUNICATION INFORMATION:	
TELEPHONE:	(619) 678-5070
TELEFAX:	(619) 678-5099
INFORMATION FOR SEQ. ID NO. 3:	
SEQUENCE CHARACTERISTICS:	
LENGTH:	2437 base pairs
TYPE:	nucleic acid
STRANDEDNESS:	single
TOPOLOGY:	linear
MOLECULE TYPE:	DNA
IMMEDIATE SOURCE:	
CLONE:	Tyfo-2
FEATURE:	
NAME/KEY:	CDS
LOCATION:	3..2118
US-08-237-401A-3	
Query Match	28.5%; Score 495.6; DB 2; Length 2437;
Best Local Similarity	67.8%; Pred. No. 3.7e-120;
Matches	709; Conservative 0; Mismatches 334; Indels 3; Gaps 1
14	AGAAAGTCCGGAGTACACAGATGCGAGACCTGCGACAGAAACGAGGTGTGAGCGCG 73
274	AGAGCATCAAAAGAAACCTGCTTTGAGAGATTCTTGAGACAGAGCTGTAGAGCCCT 333
74	TGACACCTAGCGAGCGAGTCCCAACAGCGCGAGATGCGATCCTGAAGAGACGAGC 133
334	TAACTCCAGTGGCACGCGACCCAAATCAAGCTCAACTCGCATTTTGAAGAAACGAGC 393
134	TGAGGAAGTGAAGGTGCTTGATCTGGCGCTTTTGGCACAGTCTACAGGGCATCTGGA 193
394	TAAAGGGGTAAAGGCTCTTGCGCTGCGAGCTTTTGGAAACGTTATTAAGTATTGGG 453
194	TCCCTATGGGGAGATGTGAATAATTCAGTGGCCATCAAGTGTGAGGAAACAAT 253
454	TGCTTAAGGTGAACAGTGAATAATCCCTGCGCTATTAATAATCCTCAATGAACAATCG 513
254	CCCCCAAGCAACAAAGAAATCTTAGAGCAAGCATACGTAGTGTGTGGCTCCC 313
514	GCCCCAAGCAACAGTGAAGTTCATGATGAGAGGCTGTGATCATGGCAAGTATGGATCAC 573
314	CATATGTCTCCGCTTCTGGGCAATCTGCTGACATCCAGGTGCAGCTGTGACACAGC 373
574	CACACCTAGTGGCTTATGGAAGTGTCTGAGTCCACATCATCAGTGGTTACGAGC 633
374	TTATGCCCCATAGTGCCTCTTAAACATATGTCGGGAAACCGGGAGCGCTGGGCTCCC 433
634	TGATGCGGATGTGGTCCCTACATGACATATGTTTCATGAACAAAGATTAACATGGATCAC 693
434	AGGACCTGCTGAACCTGTATGACAGATTGCAAGGGAGTAGCTACCTGGAGGATGTC 493
694	AGCTGCTTTGAACCTGTATGTCTCAGATTGCTAAGGAAATATATGTAAGTAAGAAAGAC 753
754	GCGTTGTCATGCGGATCTGCGACGCCGCAATGTCTTAGTAAATCTCCAAATCATGTTA 813
554	AAATTACAGATCTGGGCTGTGCTCGGCTGCTGACATTTGAAGACAGATGACATGACAG 613
814	AAATCAACAATTTTGAATGCGCCGCGCTCTTGGAAGAGATGAAGAAAGAAATACATCTG 873
614	ATGAGGGGCAAGGCGCCATCAAGTGGATGAGCGCTGAGATCCATTCTCGCGCGGCTTCA 673
874	ATGTGTGCAAGATGCCAATTAATGATGAGTGTGAGATGTATACATTTATAGGAATTTCA 933
674	CCCACCAAGATGTGTGTGAGATTATGTTGTGACTGTGTGGAGCTGATGATCTTTGGGG 733
934	CACATCAAAAGTATGTTTGAAGCTATATGGGCTCAGTATATGGAACCTGATGACTTTGGAG 993
734	CCAAACCTTATCATGTGGGATCCACAGCCCGGAGATCTCCGACCTCTGGAAGAAAGGGGAGC 793

Db 994 GAAAGCCCTTATGATGGAATTCACACCGAGAAATCCCGATTACTGAGAAAGAGAGC 1053  
Qy 794 GGCTGCCCAAGCCCCCATCTGACACCATGATGTCATACATGATCATGTCATTAATGTTGA 853  
Db 1054 GTCTGCCCAAGCCCCCATCTGACACCATGATGTCATACATGATCATGTCATTAATGTTGA 1113  
Qy 854 TGATGATCTGATGATGTCGACCAAGATTCGGGAGTTGTCGATGTCATGTCATGTCATG 913  
Db 1114 TGATGATCTGATGATGTCGACCAAGATTCGGGAGTTGTCGATGTCATGTCATGTCATG 1173  
Qy 914 CCAGGAGCCCCAGGCTTGTGTCATCCAGATGAGAG---CTTGGGCCCAAGCCAGTC 970  
Db 1174 CTAGAGACCTTCAAGATACCTAGTATTCAGGTCGATGATGTCATGATGTCATGTCATG 1233  
Qy 971 CCTTGAAGACACCTTCTACCCCTCACTGTCGAGAGACATGATGATGAGGAGCTGTCG 1030  
Db 1234 CAATGACAGCAAAATTCCTTCCAGATCTCTTGATGAGAGAGATTGGAAGACATGATG 1293  
Qy 1031 ATGCTGAGAGATATCTGTATCCAG 1056  
Db 1294 ATGCTGAGAGATATCTGTATCCAG 1319

## RESULT 21

US-09-632-580A-3  
; Sequence 3, Application US/09632580A  
; Patent No. 6255111  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION  
; FILE REFERENCE: RTS-0054  
; CURRENT APPLICATION NUMBER: US/09/632, 580A  
; CURRENT FILING DATE: 2000-07-31  
; NUMBER OF SEQ ID NOS: 93  
; SEQ ID NO 3  
; LENGTH: 3484  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (34)...(3960)  
US-09-632-580A-3

Query Match 28.2%; Score 491.2; DB 3; Length 5484;  
Best Local Similarity 67.5%; Pred. No. 7.5e-119;  
Matches 707; Conservative 0; Mismatches 338; Indels 3; Gaps 1;

Qy 12 GCAGAGATCCGAGATACAGATCGGAGACTGCTGCGAGAAACGAGCTGTGAGACC 71  
Db 2064 GAAAGAGATCAAAAAGAAAGAGCTTGAAGATCTTGGAAACAGAGTTGGTGAACC 2123  
Qy 72 GCTGACACTTACGCGAGATGCCCCAACGAGCCGACATGGGATCTCGAAAGAGACGA 131  
Db 2124 ATTAATCTCCAGTGGCAGACCACTCAATCAAGCTCACTTGATTTTGAAGAACTGA 2183  
Qy 132 GCTGAGAGAGTGAAGTGTGATCTGAGCGCTTTTGGCAGACATCTCAAGAGGATCTG 191  
Db 2184 GCTGAAGAGGTAAAGTCTTGGCTCAGGCTTTTGGACGCTTTTAAGGATATTTG 2243  
Qy 192 GATCTCTGATGGGAGAAATGTAATTCAGTGGCCATCAAAAGTGTGAGGAGAAACAC 251  
Db 2244 GGTACTGAGAGAAACTGTGAAGATCTGTGGCTATTAAAGTCTTAATGAGACAC 2303  
Qy 252 ATCCCCCAAGACCAAAAGAAATCTTAAGAGAGACATGATGCTGTGTGGGCTC 311  
Db 2304 TGATCCCAAGGCAATGTGAGTTCATGATGAGAGCTTGAATCTGCAAGTATGATCA 2363  
Qy 312 CCCATATGTCCTCCGCTTCTGGGCTATGCTGATCACTCAAGGTCAGCTGTGACACA 371  
Db 2364 TCCACACTAGTCCGGTGTCTGGGTGTGTCTGAGCCCAACATCCAGCTGTATCTCA 2423

Qy 372 GCTTATGCCCTATGCTGCTCTTAAACATGTCGGGAAAAACCCGAGCCCTGGGCTC 431  
Db 2424 ACTTATGCCCTATGCTGCTCTTAAACATGTCGGGAAAAACCCGAGCCCTGGGCTC 2483  
Qy 432 CCAGAGCTGCTGAATCTGTATGATGATGATGATGATGATGATGATGATGATGATGATG 491  
Db 2484 ACAGCTGCTGCTGAATCTGTATGATGATGATGATGATGATGATGATGATGATGATG 2543  
Qy 492 GCGGCTGTACACAGGAGCTTGGCGCTGGAACGTCGTGTCAGAGTCCACCATGT 551  
Db 2544 ACAGCTGCTGCTGAATCTGTATGATGATGATGATGATGATGATGATGATGATGATG 2603  
Qy 552 CAAATATCAGACTCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 611  
Db 2604 GAAATATCAGATTTTGGGCTGAGCAGACTCTTGAAGAGAGATGAAAAAGTACAAATG 2663  
Qy 612 AGATGAGGAGAGAGTGGCCATCAAGGATGAGGCTGAGAGCTTCTCCGCGCGGCT 671  
Db 2664 TGATGAGAGAGAGTGGCCATCAAGGATGAGGCTGAGAGCTTCTCCGCGCGGCT 2723  
Qy 672 CACCCACAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 731  
Db 2724 CACCCACAGAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2783  
Qy 732 GCGCAACCTTACAGTGGATCCAGCCCGGAGATCCCTGACTGCTGAGAAAAAGGGA 791  
Db 2784 AGGAAAACTTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2843  
Qy 792 GCGGCTGCGGAGCCCGCCATGTCACCATGATGATGATGATGATGATGATGATGATG 851  
Db 2844 ACCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2903  
Qy 852 GATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 911  
Db 2904 GATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2963  
Qy 912 GCGCAGAGACCCCGAGGCTTTGTGTCATCCAGATGAGAG---CTTGGGCCAGCAG 968  
Db 2964 GGTCTGAGACCTTCAAGATACCTAATGATGATGATGATGATGATGATGATGATG 3023  
Qy 969 TCCCTTGAAGAGACCTTACCGCTCAGCTGAGAGAGATGATGATGATGATGATGATG 1028  
Db 3024 TCCAAATGAGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3083  
Qy 1029 GATGCTGAGAGATCTGTATCCAG 1056  
Db 3084 GATGCTGAGAGATCTGTATCCAG 1111

## RESULT 22

US-08-484-438-1  
; Sequence 1, Application US/08484438  
; Patent No. 5811098  
; Patent No. 5811098 5780031  
; GENERAL INFORMATION:  
; APPLICANT: PLOWMAN, Gregory D.  
; APPLICANT: CULOUSCOU, Jean-Michel  
; APPLICANT: SHOYAB, Mohammed  
; APPLICANT: SIEGALL, Clay B.  
; APPLICANT: HELISTE m, Ingegerd  
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible



APPLICATION NUMBER: US 08/150,704  
FILING DATE: 10-NOV-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981,165  
FILING DATE: 24-NOV-1992  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 5624-230  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5555 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 34..3210  
US-08-484-438-3

Query Match 28.2%; Score 491.2; DB 1; Length 5555;  
Best Local Similarity 67.5%; Pred. No. 7.5e-119;  
Matches 707; Conservative 0; Mismatches 338; Indels 3; Gaps 1;

QY 12 GCAGAGATCCGGAAGTACACGATCGGAGACTGCTGCAGGAAACGAGCTGTGTGAGCC 71  
DB 2064 GAAGGAGCTCAAAAGAAAGAGAGCTTGAGATCTTGGAAGAACAGAGTGTGTGAAC 2123  
QY 72 GGTGACACTGCGGAGGATGCGCAACAGCGGAGATGCGGATCTCGAAGAGACGGA 131  
DB 2124 ATTATCTCCAGTGCACAGACCCAAATCAAGCTCACTTGATTTTGAAGAAACGTA 2183  
QY 132 GCTGAGAGAGTGAAGTGTCTTGATCTGCGCTTTTGGACAGCTCAAGAGGCACTG 191  
DB 2184 GGTGAAGAGGGTAAAGTCTTGGCTCAGGTCTTTTGGAACGTTTAAAGATTTTG 2243  
QY 192 GATCCCTGATGGGGAATGTGAATTCAGTGCATCAAGTGTGAGGAAAAAC 251  
DB 2244 GGTACTGAAAGGAACCTGTGAAGATTCGTGTGCTATTAAAGATTCTTAATGAGAAC 2303  
QY 252 ATCCCCCAAGCAACAAAGAAATCTTGAACGAACATACGATGAGTGTGTGGCTC 311  
DB 2304 TGTCTCCAAAGCAAAATGTGAGATTATGATGAAGCTCTGATCATGGCAAGTATGATCA 2363  
QY 312 CCCATATGTCTCCGCTTCTGGGATCTGCTGCATCCAGGTCAGCTGTGACACA 371  
DB 2364 TCCAACTAGTCGCGTGTGCTGGGTGTGTCTGAGCCCAACATCCAGCTGTACTCA 2423  
QY 372 GCTTATGCTTATGCTCTCTCTTGAACATGTCCGGAACACCGCGGACGCTGGGCTC 431  
DB 2424 ACTTATGCCCATGCTCTCTGTGAGATGTCCACGACGCAAGATTAACATGATGATC 2483  
QY 432 CCAGGACCTGTGAATGTGTATGCAATGCGAAGGAGATGAGCTACTGGAGAGAT 491  
DB 2484 ACAACTGTGCTTAACTGTGTGTCAATGATGTAAGGAATGATGTAAGTGAAGAAAG 2543  
QY 492 GCGGCTCGTACACAGGAGATTGGCGCTCGAAACGTGTGCTCAAGAGTCCAAACATGT 551  
DB 2544 ACGATCTGTTTCAATCGGGAATTTGGCAGCCCGTATATCTTATGGAATCTCCAAACATGT 2603  
QY 552 CAAATTTACAGCTTGTGGGCTGTGCTGCGCTGTGACATTTGACGACAGAGTACATGC 611  
DB 2604 GAAATTCACAGATTTTGGGCTGTGACGACTTTGGAAGAGATGAAAAAGAGTACATGC 2663  
QY 612 AGATGGGGCAAGATGCCCATCAATGATGAGTGGCTGAGATTCATTTCCGCGCGGTT 671

DB 2664 TGATGAGGAAGATGCCAATTAATGATGAGTCTGTGAGTGTATACATTTACAGAAATT 2723  
QY 672 CACCACAGAGTATGTGTGAGTATGATGTGTGAGTGTGAGGACTGATGACTTTTG 731  
DB 2724 CACCATCAGAGTACGTTTGTGAGCTATGAGATTACTATATGGAACATGATGACCTTTGG 2783  
QY 732 GGCCAAACCTTACATGGAATCCAGCCCGGAGATCCCTGACCTGTGAAAAAGGGGA 791  
DB 2784 AGAAACCTTATATGGAATTCACGCGGAATCCCTGATTTATTAGGAAGAAAGA 2843  
QY 792 GCGGCTGCGCCAGCCCGCATCTGCACCATGATGTCTACATGATCAATGCAATGTG 851  
DB 2844 ACGTTTGCTTACGCTCCCATCTGACATTCATTTGACATGTGCTCAATGTG 2903  
QY 852 GATGATGACTCTGAATGTGCGGCAAGATTCGGGAGTGTGTCTGAATTTCTCCGAT 911  
DB 2904 GATGATGATGCTGACAGTACCTTAATTTAAGAACTGGCTGCTGAGTTTCAAGAT 2963  
QY 912 GCGCAGGAGACCCCAAGCGCTTTGTGTCAATCCAAATGAGA---CTTGGGCCAGCCAG 968  
DB 2964 GGCTCGAGACCCCTCAAGATACCTAATTTCAAGGTGATGATGATGAAAGCTTCCAG 3023  
QY 969 TCCCTTGACAGACCTTCTTACCGCTCACTGCTGAGAGACGATGACATGGGGACTGT 1028  
DB 3024 TCCAAATGACAGCAAGTTCTTTTCAAGATCTCTTGATGAAGAGATTTGGAAGATGAT 3083  
QY 1029 GATGCTGAGAGATATCTGTACCCAG 1056  
DB 3084 GGATGCTGAGAGATATCTGTGCTGCTCAG 3111

RESULT 24  
US-08-484-438-5  
Sequence 5, Application US/08484438  
Patent No. 5811098  
GENERAL INFORMATION:  
APPLICANT: PLOWMAN, Gregory D.  
APPLICANT: CULOUSCOU, Jean-Michel  
APPLICANT: SHOYAB, Mohammed  
APPLICANT: SIEGALL, Clay B.  
APPLICANT: HELLEST m, Ingegerd  
APPLICANT: HELLEST m, Karl E.  
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,438  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/323,442  
FILING DATE: 14-OCT-1994  
APPLICATION NUMBER: US 08/150,704  
FILING DATE: 10-NOV-1993  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981,165  
FILING DATE: 24-NOV-1992  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie

```

? REGISTRATION NUMBER: 18..872
? REFERENCE/DOCKET NUMBER: 5624-230
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (212) 790-9090
? TELEFAX: (212) 863-8864/5741
? TELETYPE:
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 3321 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: unknown
? MOLECULE TYPE: DNA (genomic)
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 156..1782
?
JS-08-484-438-5
```

Query Match	21.9%	Score 381.6;	DB 1;	Length 3321;
Best Local Similarity	68.7%	Pred. No. 3.4e-90;		
Matches 541; Conservative	0;	Mismatches 244;	Indels 3;	Gaps 1

QY	272	AAATCTTGAAGAAAGCATACGGATAGGGCTGGGTGGGGCTCCCAATATGTCCTCGGCACTTC	331
Db	145	AAACACAGAGAGAAAGCTTGATCATGGCAAGTATGATCATCAACCTAGTCCGGATTGC	204
QY	332	TGGGCATCTTCCTGACATCCAACGGTGAAGCTGGTACACAGCTTATGCGCTATGGCTGCC	391
Db	205	TGGGTGTGTGTCGTGAGCCCAACCATCCAGCTGGTTACTCAACTTATGCCCCATGGCTGCC	264
QY	392	TCTTAAACCATATGTCGGGAAAAACCGGACGGCTGGGCTCCAGACCTGCTGAATCGGT	451
Db	265	TGTTGGAGTATGTCCACAGACACAAGGATTAACATTGATATCAACATGCTGCTTAACTGGT	324
QY	452	GTATGACGATTTGCCAAGGGAGTGAAGTCACTCGAGAGATGTGGGGCTCGTACACAAGAGAT	511
Db	325	GTGTCCAGATAGCTAAAGGAATGATGTACTCTGGAAAGAAAGACGACTCGTTCAATCGGAAAT	384
QY	512	TGGCCGCTCGGAACGTGCTGGTCAAGAGTCCCAACCATGTCCAAATTCACAGATTCGGGAC	571
Db	385	TGGCAGCCCGTAAATGTCTTAGTAATCTCCAAACCATGTGAATATCAAGATTTTGGGCG	444
QY	572	TGGCTCGGCTCTGGAATTGAACGACAGAGATACATGACAGATGGGGGCAAGGTGCCCA	631
Db	445	TAGCCAGACTCTTGGAGAGAGATGAAAAAGAGTACAAATGCTGATGAGAAAGATGCCAA	504
QY	632	TCAAGTGAATGGCCGTGGAGTCCATTTCCCGCCGGGTTCACCCACAAGATGATGTGT	691
Db	505	TTAAATGATAGGCTCTGGAGGTAACTTAACAGGAAAAATCACCCATCAGATGTAGCGTTT	564
QY	692	GGAGTTATGATGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTACGATGGGA	751
Db	565	GGACTAATGAGATTAATAATATGGAACTGATGACTTTTGGAGGAAAAACCTTATGATGGAA	624
QY	752	TCCCAAGCCCGGAGATCCCTGAACCTGTGGAAGAAAGGGGAGCGGCTGCCAGCCCCCA	811
Db	625	TTCCAAAGCGGAGAAATCCCTGATTTATTAAGAAAGAGAAACGTTTGCCTCAGCCTCCCA	684
QY	812	TCTCCACCATGATATGTCTACATGATCATAGTCTCAATGTTTGAATGATTTGACTTGAATGTC	871
Db	685	TCTCCACATTTGACGTTTAACTAGTTCATGTCATGCTCAATATGTTGATGATGTGACAGTA	744
QY	872	GGCCCAAGATTCGGGAGTTGGTGTGTGAATTTCTCCGCAATGGCCACGGAACCCCAAGCGCT	931
Db	745	GACCTAAATTTAAGBAACTGGCTGTGAGTTTTCAAAGATGGCTCGAAGACCTTCAAAGAT	804
QY	932	TTGTGTCTATCCAGATAGAGA--CTTGGGCCCAAGCAAGTCCCTTGACAGACACTTCT	988
Db	805	ACCTAGTTATTCAGGGGTGATGATCGTATGAAGCTTCCAGTCCAAATGACACGCAAGTCT	864
QY	989	ACCGCTACCTGCTGGAAGACGATGACATGGGGGACCTGGTGAATCTGAGAGATATCTGG	1044
Db	865	TTCAAGATCTCTTGGATGAAAGGATTTTGGAAAGATATGATGATGATCTGAGGAGTACTTGG	924

QY 1049 TACCCAG 1056  
Db 925 TCCCTCAG 932

RESULT 25

US-07-978-895-3  
; Sequence 3, Application US/07978895

GENERAL INFORMATION:

APPLICANT: Kraus, Matthias H.  
APPLICANT: Aaronson, Stuart A

TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THEREOF, AND BIOMASSAYS AND METHODS RELATED THERETO

CORRESPONDENCE ADDRESS:

STREET: 133 Carnegie Way, N.W.

STATE: Georgia

ZIP: 30303

MEDIUM TYPE: Floppy

OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

FILING DATE: 19921110

PRIOR APPLICATION DATA:

FILING DATE: 01-DEC-1989

NAME: Perryman, David G.

REFERENCE/DOCKET NUMBER: 1414-028

TELEPHONE: (404) 688-0777

; INFORMATION FOR SEQ ID NO:

LENGTH: 4905 base

STRANDEDNESS: single

MOLECULE 1

LOCATION  
US-07-978-895-3

Query Match	20.1%	Score 349.6	DB 1	Length 4905
Best Local Similarity	62.7%	Pred. No. 1e-11		
Matches 544	Conservative 0	Mismatches 324	Indels 0	Gaps 0
QY	84	CGAGCGCATGCCACCAAGCGCGCAGATGCGGATCCTGAAAGAGACGGAAGCTGAGGAAGCT	143	
Db	2175	CAGTGAAAGAGCTTAAACAAAGCTTTGGCCAGAACTTTCMAAGACAGAGCTTAAAGGAAGCT	223	
QY	144	GAAAGTCTTGATCTGCGCTTTTGGCACAGTCTACAAAGGCAATCTTGATCCTCGATGG	203	
Db	2235	TAAAGTCTTGCGCTCGGAGTGTCTTTGGAACTGTGCACAAAGAGAGTGTGATCCTCGAAGG	229	
QY	204	GGAGAATGTGAAATTCACAGTGGCCATCAAAAGTTGAGGGGAAACATATCCCCCAAGC	263	
Db	2295	TGAATTCATCAAGATTCAGTCTGCATTTAAAGTCATTGAGGACAAAGATGGAACGGCAGAG	235	
QY	264	CAACAAAGAAATCTTGAACGAAGCATGATGAGTGTGTGGGCTTCCCATATGTCTC	323	



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Dh 2355 TTTTCAAGCTGTGACAGATCATATGCTGGCCATTGGACGCTGGACCATGCCACATTTG 2414
Qy 324 CCGCTTCTTGCGGACATCTGCCGTGACATCCACGGTGTGACGTGGTCAACAGCTTATGGCCCTA 383
Dh 2415 AAGGCTCTGGGACATAAGTCCCAAGGCTATCTTGACAGCTTGTCACTCAATATTTTGGCTCT 2474
Qy 384 TGGCTGCTCTTAGACCATGATCCGGGAAAACCGCGGACGCGCTGGGCTCCAGGACCTGGCT 443
Dh 2475 GGGTTCCTCTGCTGGATATATGTAGACAAACACCGGGGGGACCTGGGGCCACAGCTGTGCT 2534
Qy 444 GAACCTGTGTATGACGATTGCCAAAGGGATGAGCTACCTGTAGAGATGTGGGCTCGTAC 503
Dh 2535 CAACTGGGAGATCAAAATTCGCAAGGAAATGTACTACCTTGAAGAAACATGATGTGTGCA 2594
Qy 504 CAGGACCTTGGCCGCTGGAACCTGCTGTGTCAGAGTCCCAACCATGTCAAAATTACAG 563
Dh 2595 TAGAAAACCTTGCGCCGAAACGCTGTAACAAGTCAACCAGTCAGGTTCAAGTGTGACGA 2654
Qy 564 CTTGAGGCTGGCTCGGCTGCGTGGACATTTGACGACAGTACCATGACAGATGGGGGCA 623
Dh 2655 TTTTGTGTGTGCTGACCTGCTGCTCCTCTGATGTATAGACACTGTCTATACGTAGGCGCA 2714
Qy 624 GGTGCCCATCAAGTGATGGCGCTGAGTCCATTCTTCGCGCGGCTTCAACCACAGAG 683
Dh 2715 GACTCCAAATTAAGTGTATGGCGCTTGTAGATATCCACTTTGGGAAATACACACAGAG 2774
Qy 684 TGATGTGTGAGATTATGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTA 743
Dh 2775 TGATGTGTGAGACTATGTGTGTGACATGTTTGGGAGTTGATGACTTGGGGCCAAAGCCTTA 2834
Qy 744 CGATGGGATCCACACCCGGGAGATCCCTGACCTGTGGAAAGAGGGGAGCGGCTGCCCCA 803
Dh 2835 TGCAGGGCTACGATTGGCTGAAGTACCAAGACTGTCTAGAAAGGGGAGCGGTTGGACACA 2894
Qy 804 GCCCCCCATCTGCACCACTTGTATGTCTACATGATCATGTGCAAAATGTTGATGATGACTC 863
Dh 2895 GCCCAAGATCTGCACCAATTGATGTCTACATGTGTATGTCAAGTGTGGATGATGATGA 2954
Qy 864 TGAATGTGTGGCAAGATTCCGGGAGTGTGTGTAATTTCTCCGCAATGCGCAGGAGACC 923
Dh 2955 GAACATTCGCGCCCACTTTAAAGAACTAGCCAAATGATGATCACCAGATGGCCGAGACCC 3014
Qy 924 CCAAGCGCTTGTGTGTCATCCGATGAG 951
Dh 3015 ACCAAGGTATCTGATCAATAAGAGAGAG 3042

RESULT 26
US-08-473-119-3
/ Sequence 3, Application US/08473119
/ Patent No. 5820859
/ GENERAL INFORMATION:
/ APPLICANT: Kraus, Matthias H.
/ APPLICANT: Aaronson, Stuart A.
/ TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE
/ TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THEREO, AND
/ TITLE OF INVENTION: BIOSAYS AND METHODS RELATED THERETO
/ NUMBER OF SEQUENCES: 12
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Suite 400
/ STREET: 133 Carnegie Way, N.W.
/ CITY: Atlanta
/ STATE: Georgia
/ COUNTRY: U.S.A.
/ ZIP: 30303
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/473,119
/ FILING DATE: 07-JUN-1995
/

```

[illegible]



STREET: 133 Carnegie Way, N.W.  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: U.S.A.  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/170,699  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/978,895  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414-028  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9880  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4905 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 100..4125  
US-09-170-699-3

Query Match 20.1%; Score 349.6; DB 4; Length 4905;  
Best Local Similarity 62.7%; Pred. No. 1e-81;  
Matches 544; Conservative 0; Mismatches 324; Indels 0; Gaps 0;

84 CGAGCGCATGCCCAACGAGCGGCGAGATCCGATCCTGGAAGAAGCGAGCTGAGGAAGT 143  
2175 CAGTGAGAGGGCTAAACAAGTCTTGCCAGAACTTCAAAGAAGAGGCTAAGAGAGCT 2234

144 GAAGGTCTTGAGATCTGGCGCTTTTGGCAGAGCTACAAAGGCAATCTGATCCCTGATG 203  
2235 TAAAGTGTGGCTCGGGTGTCTTTGGAAGCTGTGACAAAGAGTGTGATCCCTGAGGG 2234

204 GGAGAAATGTGAAAATTCAGTGGCCATCAAAAGTGTGAGGAAAACACATCCCAAGC 263  
2295 TGAATCAATCAAGATTCAGTCTGCAATTAAGTCAATGAGGACAAAGAGTGGACGGCAG 2354

264 CAACAAAGAAATCTTAGACGAAGCATAGTATGCTGTGTGGCTCCCATATGTCTC 323  
2355 TTTTCAAGCTGTGACAGATCATATGCTGGCAATGGCAGCTGGACCATGCCCATTTGT 2414

324 CCGCCTTCTGGGCACTCTGCTGACATCCAGGATGAGCTGGTGAACACAGCTTATGCCCTA 383  
2415 AAGGTCTGTGGAGCATATGCCAGAGGTCACTCTGTGAGCTTGTCACTCAATATTTGCCCT 2474

384 TGGCTGCTCTTAGACCATGTGTCGGGAAAACCGGGAAGCTGTGGCTCCAGAGACTGTCT 443  
2475 GGGTCTCTGCTGATCATGTGAGCAACAACGGGGGGGCACTGGGGGCCACAGCTGTCTCT 2534

444 GAATGTGTATGAGATTTGCCAAGGAGATGAGCTACTGTGAGGATGTGCGGCTGTACA 503  
2535 CAACGTGGGAAGTAAATTTGCCAAGGAGATGTACTACCTTGAAGGAACATGTGATGTGCTA 2594

504 CAGGAGCTTTGGCGCTCGGAGAGTGTCTGATCAAGAGTCCCAACATGTCAAAATTTACAGA 563  
2555 TAGAAACCTGTGCTGCCCAAGAGTGTCTACTCAAGTCAACCCAGTCAAGGTTTCAGGTGAG 2654

564 CTTGGGCTGTGCTGTGGCTGTGAGCATTTGACGAGACAGAGTACCATGTGAGATGGGGGGCAA 623

2655 TTTTGGTGTGACCTGACCTGCTGCTCTCTGATGATTAAGCAAGCTCTATACGTAGAGGCCAA 2714  
624 GGTGCCCATCAAGTGAATGCGCTGAGATCCATTTCTCCCGCGGCTTCAACCAACAGAG 683  
2715 GACTCCAAATTAAGTGAATGAGCCCTTGAAGATATCACTTTGGGAAATACACACACAGAG 2774

684 TGATGTGTGAGTTATGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTA 743  
2775 TGATGTGTGAGCTATGTGTGACAGTTTGGAGTTGATACCTTCGGGGCAAGCCCTTA 2834

744 CGATGGATCCCAAGCCCGGAGATCCCTGACCTGTGGAAAAGGGGGAGCGGCTGCCCA 803  
2835 TGAAGGCTACGATTTGGCTGAAGTACCAAGCTGTCTTGAAGAAGGGGAGCGGTTGGACA 2894

804 GCGCCCATCTGACCAATGATGTCTACATGATCATGTCMAATGTTGATGATGACTC 863  
2895 GCGCCAGATGTGACCAATGATGTCTACATGATGATGATGATGATGATGATGATGATGATG 2954

864 TGAATGTGGCCAAAGATTCGGGAGTTGTGTGATTTCCCGCATGGCCAGGAGCC 923  
2955 GAACATTCGCCCAACCTTTAAAGAACTAGCAATGAGTTCCAGAGATGGCCGAGACC 3014

924 CCAGCGCTTGTGTGATCCAGATGAG 951  
3015 ACCACGATCTGTGATTAAGAAGAGAG 3042

RESULT 29  
US-09-630-706-3  
Sequence 3, Application US/09630706  
Patent No. 6277640  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
FILE REFERENCE: RTS-0053  
CURRENT APPLICATION NUMBER: US/09/630,706  
CURRENT FILING DATE: 2000-08-01  
NUMBER OF SEQ ID NOS: 94  
SEQ ID NO 3  
LENGTH: 4975  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (199)...(4227)  
US-09-630-706-3

Query Match 20.1%; Score 349.6; DB 3; Length 4975;  
Best Local Similarity 62.7%; Pred. No. 1e-81;  
Matches 544; Conservative 0; Mismatches 324; Indels 0; Gaps 0;

84 CGAGCGCATGCCCAACGAGCGGCGAGATCCGATCCTGGAAGAAGCGAGCTGAGGAAGT 143  
2274 CAGTGAGAGGGCTAAACAAGTCTTGCCAGAACTTCAAAGAAGAGGCTAAGAGAGCT 2333

144 GAAGGTCTTGAGATCTGGCGCTTTTGGCAGAGCTACAAAGGCAATCTGATCCCTGATG 203  
2334 TAAAGTGTGGCTCGGGTGTCTTTGGAAGCTGTGACAAAGAGTGTGATCCCTGAGGG 2393

204 GGAGAAATGTGAAAATTCAGTGGCCATCAAAAGTGTGAGGAAAACACATCCCAAGC 263  
2394 TGAATCAATCAAGATTCAGTCTGCAATTAAGTCAATGAGGACAAAGAGTGGACGGCAG 2453

264 CAACAAAGAAATCTTAGACGAAGCATAGTATGCTGTGTGGCTCCCATATGTCTC 323  
2454 TTTTCAAGCTGTGACAGATCATATGCTGGCAATTTGGCAGCTGGACCATGCGCCCATTTGT 2513

324 CCGCCTTCTGGGCACTCTGCTGACATCCAGGATGAGCTGGTGAACACAGCTTATGCCCTA 383  
2514 AAGGTCTGTGGAGCATATGCCAGGGTCACTCTGTGAGCTTGTCACTCAATATTTGCCCTCT 2573

Oy		384	TGGCGGCTCTTAAAGCAATGTCCGGAAAAACCGGAGAGCGCTGGGCTGCCAGAACCTGCT	443
Dd		2574	GGGTTCTTCCTGCATCATGTGAGACAACCGGGGGGCACTGGGGCCACAGCTTGCT	2633
Oy		444	GAACGTGTGTATGCAATTGGCCAAAGGGATGAGTACTCTGGAGAGATGTGCGGCTGTACA	503
Dd		2634	CAACTGGGAGATACAAAATTGGCAGAAGGAATGTACTTGGAGAACTGTATGTGTCA	2693
Oy		504	CAGGAGCTTGGCCGCTCGGAACGTGTGTGTCAAGATGCCAACCATGTCAAATAATACGA	563
Dd		2694	TAGAAACCTGGCTGCTGCCAAAACGTGTCTACTCAAGTCAACCACTCAGGTTTCAGTGGCAGA	2753
Oy		564	CTTGGGGCTGGCTCGGCTGTGAGCAATTGACGAGACAGAGTAACAATGCAGATGGGGGGCAA	623
Dd		2754	TTTTGGTGGCTGACTGACTGCTGCTCCTCTGATGATAGAGCTGCTATACAGTAGAGCCA	2813
Oy		624	GGTGCCCATCAAGTGAATGAGCGGCTGGAGTCCATTCTCCCGCGGCTTCAACCCACAGAG	683
Dd		2814	GACTCCAAATTAAGTGAATGGCCCTTGAAGATATCCACTTTGGGAAATACACACACAGAG	2873
Oy		684	TGATGTGTGAGAGTTATGTGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAACTTA	743
Dd		2874	TGATGTCTGAGAGCTATGTGTGTGACGTYTGGAGATGTGATGACCTTCGGGGGAGAGCCCTA	2933
Oy		744	CGATGGGATCCAGCGCCGGAGATCCCTGACCTGCTGGAAAAAGGGGGAGCGGCTGCCCA	803
Dd		2934	TGCAGGGCTTAGATTTGGCTGTGAATGCCAGACTGTGAGAAAGGGGAGACGGTTGGACA	2993
Oy		804	GCCCCCATCTGCACCATTTGATGTCTACATGATCAATGTCAATGTGGATGATGATCTC	863
Dd		2994	GCCCCAGATCTGCACCAATTTGATGTCTACATGATGTGTCAAGTGTGATGATGATGATGA	3053
Oy		864	TGAATGTGGCGCAAGATTCGGGAGTGTGTGTGAATTTCTCCGATAGCCAGGAGACC	923
Dd		3054	GAAATCTGCCCAACCTTTAAAGAACTAAGCCAAATGATGTCAACAGAGATGCCGAGACC	3113
Oy		924	CCAGCGCTTTGTGCTCATCCAGATAGAG	951
Dd		3114	ACCAAGTATCTGTGTCTAATAAGAGAGAG	3141
<hr/>				
RESULT 30				
US-09-919-039-268				
Sequence 268, Application US/0919039				
Patent No. 6727066				
GENERAL INFORMATION:				
APPLICANT: Kaseer, Matthew R.				
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES				
FILE REFERENCE: PA-0035 US				
CURRENT APPLICATION NUMBER: US/09/919,039				
PRIORITY FILING DATE: 2002-09-09				
PRIOR APPLICATION NUMBER: 60/222,113				
PRIORITY FILING DATE: 2000-07-28				
NUMBER OF SEQ ID NOS: 401				
SOFTWARE: PERL Program				
SEQ ID NO 268				
LENGTH: 5687				
TYPE: DNA				
ORGANISM: Homo sapiens				
FEATURE:				
NAME/KEY: misc feature				
OTHER INFORMATION: Incyte ID No. 6727066 902559.1				
NAME/KEY: unsure				
LOCATION: 4850-5163				
OTHER INFORMATION: a, t, c, g, or other				
US-09-919-039-268				

Query Match	20.1%	Score 349.6;	DB 4;	Length 5687;
Best Local Similarity	62.7%;	Pred. No. 1.1e-81;		
Matches 544;	Conservative 0;	Mismatches 324;	Indels 0;	Gaps 0
0y	84	CGAGCCGATTGCCCAACGAGCCGACAGTGGGATCTCTGGAAAGAGACGAGCTGACGAAGGT	143	

Db	2276	CAGTGAAGGCTAAGCAAAAGTCTTGGCCAGATCTTCAAGAGACAGAGCTAAGAACT	2335
OY	144	GAAGGTGCTTGGATCTGGACGCTTTTGGCAGCTTACAAAGGCATCTTGATCCCTGATG	203
Db	2336	TAAAGTCTTGAGCTCGAGTGTCTTTGGAACTGTGCAAAAGAGTGTGATCCCTGAGGG	2395
OY	204	GGAGAAATGTGAAATTTCCAGTGGCCATCAAGTGTGAGGGAAAAACATCCCCCAAGC	263
Db	2396	TGAATCAATCAAGATTTCCAGTCTGCTTAAAGTCAATGAGAGCAAGATGAGCGGACAG	2455
OY	264	CAACAAAGAAATCTTAGACGAAGCATACGTATGGCTGTGGAGCTCCCATATGTCTC	323
Db	2456	TTTTTAAGCTGTACAGATCAATATGCTGGCCATTGGCAGCCTGACCATGCCCCATTTG	2515
OY	334	CCGCTTCTGGGCACTTGCCTGACATCCACGGTGCAGCTGGTGAACAAGTTATGCCCTA	383
Db	2516	AAGGCTCTGGGACTATACCCAGGGTCACTCTGACAGTTGTCACTCAATTTTGGCTCT	2575
OY	384	TGCGTGCCTTTAAGCAACATGTCGCCGAAAACCGCGGACGCTTGGGCTCCAGACCTGCT	443
Db	2576	GGGTTCTCTGCTGATCAATGTGAACAACACCGGGGGCACTGGGCGCCACAGCTGTGCT	2635
OY	444	GAACCTGTGTATGACGATTTGCGCAAGGGGATAGCTACCTGGAGGATGTCGGCTCGTACA	503
Db	2636	CAACTGGGGAGTACAAATTGCGCAAGGAATGTACTACTTGAAGAACATGTTATGTGTCA	2695
OY	504	CAGGACTTGGCCCGCTCGGAACGTGCTGGTCMAAGTCCCAACATGTCAAAATTACAGA	563
Db	2696	TAGAAACTGCTGCCCGAAGACGTGTACTCAATGACCCAGTCAAGTTCAGTGGCAGA	2755
OY	584	CTTGGGGGTGGCTCGGCTCTGACACATTGAAGAGACAGATGCACATGCAGATGGGGGCA	623
Db	2756	TTTGTGTGTGCTGACTGCTGCTGCTCTCGATGATPAAGCAGTGTATACAGTGAAGGCCAA	2815
OY	624	GATGCCCATCAAGTGAATGAGCGCTGAGAGTCCATTCTCGCGCGGCGTTTCAACCCACAGAG	683
Db	2816	GACTTCATTTAAGTGTGAATGAGCCCTTGAAGAGTATCACTTTGGGAAATACACACACAGAG	2875
OY	684	TGATGTGTGAAGTTATGGTGTGACTGTGTGTGGAGCTGATGACTTTTGGGCGCAAACTTA	743
Db	2876	TGATGTGTGAGACTATAGGTGTGACAGATTTGGGAATTGATGACTCTTCGGGGCAGAGCCCTA	2935
OY	744	CGATGGGATTCACAGCCCGGAGATCCCTGACCTGTCTGGAAAAGGGGAGACGGCGTGGCCA	803
Db	2936	TGCAGGGCTACGATTTGGCTGAAGTACAGACCTGTCTGAGAAAGGGGAGCGCGTTGGACA	2995
OY	804	GCCCCCATCTGCACCATTTGATGTCTACATGATCATGGTCAAAATGTTGATGTGATC	863
Db	2996	GCCCCAGATCTGCACCAATTTGATGTCTACATGTTGATGTGATGATGATTTGATGA	3055
OY	864	TGAATGTGCGCAAGATTTCCGGAGATTGTGTCTGAATTTCTCCCGCATGSCAAGGACCC	923
Db	3056	GAACATTTGCCCAACCTTTAAAGAACTAGACCAATGAGATTCAACAGAGTGGCCGAGACCC	3115
OY	924	CCAGCGCTTTGTGATCCAGATGAG	951
Db	3116	ACCAAGGATCTGGTCAAAAGAGAG	3143

```

RESULT 3
5183884-3
Patent No. 5183884
APPLICANT: KRAUS, MATTHIAS H.; ARONSON, STUART A.
TITLE OF INVENTION: DNA SEGMENT ENCODING A GENE FOR A
RECEPTOR RELATED TO THE EPIDERMAL GROWTH FACTOR RECEPTOR
NUMBER OF SEQUENCES: 5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/444, 406
FILING DATE: 01-DEC-1989
SEQ ID NO:3
LENGTH: 4545
5183884-3

```



ADDRESSER: Mark M. Friedman c/o Anthony Castorina  
STREET: 2001 Jefferson Davis Highway, Suite 207  
CITY: Arlington  
STATE: Virginia  
COUNTRY: United States of America  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead Slimote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
SOFTWARE: Word for Windows version 2.0 converted  
to an ASCII file  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/383,630A  
FILING DATE: 26-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: <Unknown>  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedman, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 1402/2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-562553  
TELEFAX: 972-3-562554  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5993  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-383-630-2

Query Match 9.4%; Score 163; DB 3; Length 5993;  
Best Local Similarity 55.9%; Pred. No. 1e-32;  
Matches 310; Conservative 0; Mismatches 245; Indels 0; Gaps 0;

354 GGTGAGCTGTGTGACACAGCTTATGCTGCTGCTTGAACCATGTCGGGAAAA 413  
4251 GTTTCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 4310  
414 CCGGAGAGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 473  
4311 CGAGGAGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 4370  
474 GAGCTAGCTGAGAGATGTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 533  
4371 GGAGTACTTGGGCTCCCAAGATGATCAACAGGAGCTGCTGCTGCTGCTGCT 4430  
534 CAAGAGTCCCAACCATGTCAAAATTACAGACTTGGGCTGCTGCTGCTGCTGCT 593  
4431 GACCAGAGCAACGATGATGATGATGATGATGATGATGATGATGATGATGAT 4490  
594 CGAGCAAGATACATGACAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 653  
4491 CGACTACTACAAAGAGCAACCAAGCGGCTGCTGCTGCTGCTGCTGCTGCTG 4550  
654 CATTCCTCGCGCGGCTTCAACCCAGAGATGATGATGATGATGATGATGATG 713  
4551 CTGTTTGAAGAGTCACTACACAGATGATGATGATGATGATGATGATGATG 4610  
714 GAGCTGATGACTTTTGGGGCCAAACCTTACAGATGAGATCCAGCCCGGAGAT 773  
4611 GGAAGATCTTCAAGCTGAGGGGGCTCCCGGATCCCTGAGAGAGACTCTTCA 4670  
774 CCGTGTGAGAAAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 833  
4671 GCTGCTGAGAGGGGCCACCGGATGAGCAAGCCCGGCAACTGACACAGACGAC 4730

834 GATCATGTGCAATTTGATGATGATGATGATGATGATGATGATGATGATGAT 893  
4731 GATCATGGGGAGTGTCTGATGCGCGCCCTCCAGAGGCCCACTTCAAGACTG 4790  
894 GTTCGATTTCTCCG 908  
4791 GGAGGACCTGACCG 4805

RESULT 34  
US-08-475-035-2  
Sequence 2, Application US/08475035  
Patent No. 5985553  
GENERAL INFORMATION:  
APPLICANT: KING, C. R.  
APPLICANT: KRAUS, MATTHIAS H.  
APPLICANT: AARONSON, STUART A.  
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: NEEDLE & ROSENBERG, P. C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/475,035  
FILING DATE: 7 Jun 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 1414,656  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 424 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-475-035-2

Query Match 9.2%; Score 160.4; DB 2; Length 424;  
Best Local Similarity 99.4%; Pred. No. 1.5e-32;  
Matches 161; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

465 CAAGGGGATGAGCTACCTGAGAGATGTCGGGCTGTACACAGGAGCTTGGCGGCTGGA 524  
23 CCAAGGATGAGCTACCTGAGAGATGTCGGGCTGTACACAGGAGCTTGGCGGCTGGA 82  
525 CGTGTGTCAAGAGTCCCAACCATGTCAAAATTACAGACTTGGGCTGCTGCTGCT 584  
83 CGTGTGTCAAGAGTCCCAACCATGTCAAAATTACAGACTTGGGCTGCTGCTGCT 142  
585 GACATTGACAGACAGATACCATGACAGATGAGGAGCAAGT 626  
143 GGACATTGACAGACAGATACCATGACAGATGAGGAGCAAGT 184

RESULT 35  
US-09-099-749-10  
Sequence 10, Application US/09099749B  
Patent No. 6306591

```

: GENERAL INFORMATION:
: APPLICANT: Utah State University
: TITLE OF INVENTION: Screening For The Molecular Defect Causing Spider Lamb
: TITLE OF INVENTION: Syndrome In Sheep
: FILE REFERENCE: 3706US
: CURRENT APPLICATION NUMBER: US/09/099,749B
: CURRENT FILING DATE: 1998-06-18
: EARLIER APPLICATION NUMBER: 60/050,127
: EARLIER FILING DATE: 1997-06-18
: NUMBER OF SEQ ID NOS: 10
: SOFTWARE: Corel Wordperfect 8.0
: SEQ ID NO 10
: LENGTH: 2049
: TYPE: DNA
: ORGANISM: Sheep
US-09-099-749-10

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Query Match	9.1%;	Score 158.6;	DB 3;	length 2049;
Best Local Similarity	55.1%;	Pred. No. 9e-32;		
Matches 308;	Conservative	1;	Mismatches 250;	Indels 0;

QY	358	CAGCTGGGACACAGCTTATCCCTTAAGGCTGCTTGAACATGTCGCGGAAACCGC	411
Db	1319	CTGGGGGGCGCGCGCCCCCAGGACACTACTACTCTTCCGACACTCTCGGCTGCCGAG	1378
QY	418	GGACGCGCTGGGCTCCCAAGACCTTGCCTGAACCTGTGTATGACGATTTGCCAAGGGATGAC	477
Db	1379	GAGCAGCTCACCCTTCAAAAGACCTTGATGTCCTGGCCCTAACAGGTGGCGCGGGGCATGGAG	1438
QY	478	TACCTGGAAGATGTGCGGCTGTGACACAGGGACTTTGGCCGCTCGGAACGTGCTGTCAAG	537
Db	1439	TACCTGGCTTGGCAGAAATGTGATCATATGGGACCTGGCGGCGCCGCAAGTGTGTGTACC	1498
QY	538	AGTCCCAACCATGTCAAAATTAACAAGCTTGGGGCTGGCTGGCTGGCTGGACATTGACGAG	597
Db	1499	GAGACCAACGTGATGAATAATCGCGCACTTCGGCTCGGCCCTGTGATGTGACAAACCTGCAC	1558
QY	598	ACAGAGTACCATGACGATGGGGGCAAGGTGCCATCAAGTGAATGGCGCTGAGTGCATT	657
Db	1559	TACTACAAAGAAAGACAAACAAACGCGCGCGCTGCCCGTGAAGTGGATGGCACCCGAGGCTTG	1618
QY	658	CTCGCGCGCGGCTTCACTCCACCAAGTATGTGTGAAGTATATGTGTGACTGTGTGGAG	717
Db	1619	TTTGAACCGCGCTCTACACCCACCAAGTATGTGTGTCTTTCGGGGCTCTGCTCTGGAG	1678
QY	718	CTGATGACTTTTGGGGGCCAAACCTTACAGTGGATCCACGCGCGGAGATCCCTGACCTG	777
Db	1679	ATCTTCACGCTGGGGGGGCTCGCCGTACCTTGACATCCCCGAGAGAGACTTTCAAGCTG	1738
QY	778	CTGGAAGAGGGGAGCGGCTGCCAGCCCCCACTTGCACACATTGATGTCTACATGATC	837
Db	1739	CTGAAGAGAGGCCACCGCATGGACAAAGCGGCAACTGACGATGACTGTGATCATGATTC	1798
QY	838	ATGTCAATGTTGATGATATTGACTCTGATATGTGGCCAAAGATTCCGGAAGTTGTCTCT	897
Db	1799	AGGCGTGAAGTCTGGCAGCGCGCGCCTTCGACAGAGGCCCACTTCAACAGACTGTGTGAG	1858
QY	898	GAATTCTCCCGATGGCCA	916
Db	1859	GACCTGACCGTGTCTCA	1877

```

; RESULT 36
; US-08-783-275-3
; Sequence 3, Application US/08783275
; Patent No. 5766859
;
; GENERAL INFORMATION:
;
; APPLICANT: Vojdani, Aristo
;
; APPLICANT: Mordechai, Eli
;
; TITLE OF INVENTION: RIBONUCLEASE L INHIBITOR AS
;
; TITLE OF INVENTION: AN INDICATOR OF CHRONIC FATIGUE SYNDROME
;
; NUMBER OF SEQUENCES: 8
;
; CORRESPONDENCE ADDRESS:
;

```

ADDRESS: Knobb, Martins, Olson & Bear  
 STREET: 620 Newport Center Drive, 16th floor  
 City: Newport Beach  
 State: CA  
 COUNTRY: U.S.A.  
 ZIP: 92660  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEO Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/783,275  
 FILING DATE: 15-JAN-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/727,708  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Battfield, Neil S  
 REGISTRATION NUMBER: 39,901  
 REFERENCE/DOCKET NUMBER: IMSCI.001A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 619-235-8550  
 TELEFAX: 619-235-0176  
 TELEX:  
 INFORMATION FOR SEQ. ID NO.: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 576 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-783-275-3

Query Match	9.0%;	Score 156.6;	DB 1;	Length 576;
Best Local Similarity	70.0%;	Pred. No. 1.7e-31;		
Matches 226;	Conservative 0;	Mismatches 94;	Indels 3;	Gaps 1;

QY	749	GGATCCAGCCCGGGAGATCCCTBACCTGCTGGAAAAAGGGGAAACGGCTGCCAGGCC	808
Db	1	GGATCCCGCAGTGAATCTCTCCCTCTTTGGAGAAAGGAGAGCGTTTGGCCAGCCAC	60
QY	809	CCATCTGCACCATGATGTCTACATGATCATGTGCAATGTGGATGATGACTCTGAAT	868
Db	61	CCATTGTACATTGATGTGTACATGATCATGTGCAATGCTGGATGATGATGACAGCA	120
QY	869	GTCGGCCAAAGTTCGGGAGTTGTTGCTGAATTTCTCCCGATGGCCAGGACCCCAAC	928
Db	121	GCCGTCCCAAGTTTCGAGAGCTGATTCAGAGTTCTCCAAATAGCTGTGATCCCTCCC	180
QY	929	GCTTTGTGTATATCCAG---AATAGAGACTTGGGCCCAAGCCAGTGCCTTGGACAGCACT	985
Db	181	GCTATCTTGTATACAGGGAGATGAAAGATGACCTTGCCAGGCCCTACAGATTTCCAGT	240
QY	986	TCTACCGTCACTCTGTGAGAGACGATACATGAGGGGAGCTGTGGATGCTGAGGAGTATC	1045
Db	241	TTTATTCGACCTGATGAGAGGAGGACATGAGAAGACATTGTGGATGCAGATGATATC	300
QY	1046	TGGTACCCAGACAGGACTTTTTC	1068
Db	301	TTGTCCACACACAGGACTTTTTC	323

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RESULT 37
US-08-727-708-3
; Sequence 3, Application US/08727708
; Patent No. 5776590
;
; GENERAL INFORMATION:
;
; APPLICANT: Vojdani, Aristo
; APPLICANT: Mordeschi, Eli
; TITLE OF INVENTION: RIBONUCLEASE I INHIBITOR AS
; TITLE OF INVENTION: AN INDICATOR OF CHRONIC FATIGUE SYNDROME
; TITLE OF INVENTION: E

```



NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/727,708  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bartfeld, Neil S  
REGISTRATION NUMBER: 39,901  
REFERENCE/DOCKET NUMBER: IMSCI.001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-235-8550  
TELEFAX: 619-235-0176  
TELEX:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 576 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-727-708-3

Query Match 9.0%; Score 156.6; DB 1; Length 576;  
Best Local Similarity 70.0%; Pred. No. 1.7e-31;  
Matches 226; Conservative 0; Mismatches 94; Indels 3; Gaps 1;

QY 749 GGATCCCGGCGGAGATCCCTGACCTGCTGAAAAAGGGGAGCGGCTGCCCCCGCC 808  
DB 1 GGATCCCGGCGGAGATCCCTGACCTGCTGAAAAAGGGGAGCGGCTGCCCCCGCC 60  
QY 809 CCATCTGCACCATGATGCTACATGATCATGTCGCAAAATGTTGATGATGACTGAT 868  
DB 61 CCATTTGACCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 120  
QY 869 GTCCGCCAAGATTCGGGAGTTGATGATGATGATGATGATGATGATGATGATGATG 928  
DB 121 GCCGTCGCAAGTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 180  
QY 929 GCTTTGTGCTATCCAG--AATGAGACTTGGGCCCGACCGCTGCTTGGACAGACT 985  
DB 181 GCTATCTGTTATACAGGAGATGAAAGATGCACTTGGCTTACAGATTCGCAAGT 240  
QY 986 TCTACCGTCACTGCTGAGAGCGATGATGATGATGATGATGATGATGATGATGATG 1045  
DB 241 TTATTCGACCTGTATGAGAGGAGAGCATGGAAGACATTTGATGATGATGATGAT 300  
QY 1046 TGGTACCCGACGAGGCTTCTTC 1068  
DB 301 TTGTCCACACGAGGCTTTTTC 323

RESULT 38  
US-08-766-677-1  
; Sequence 1, Application US/08766677  
; Patent No. 5830668  
; GENERAL INFORMATION:  
; APPLICANT: Vojdani, Aristo  
; APPLICANT: Mordechai, Eli  
; TITLE OF INVENTION: Detection of Chronic Fatigue

TITLE OF INVENTION: Syndrome  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive Sixteenth Flo  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,677  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: IMSCI.002A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714/760-0404  
TELEFAX: 714/760-9503  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 576 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-766-677-1

Query Match 9.0%; Score 156.6; DB 2; Length 576;  
Best Local Similarity 70.0%; Pred. No. 1.7e-31;  
Matches 226; Conservative 0; Mismatches 94; Indels 3; Gaps 1;

QY 749 GGATCCCGGCGGAGATCCCTGACCTGCTGAAAAAGGGGAGCGGCTGCCCCCGCC 808  
DB 1 GGATCCCGGCGGAGATCCCTGACCTGCTGAAAAAGGGGAGCGGCTGCCCCCGCC 60  
QY 809 CCATCTGCACCATGATGCTACATGATCATGTCGCAAAATGTTGATGATGACTGAT 868  
DB 61 CCATTTGACCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 120  
QY 869 GTCCGCCAAGATTCGGGAGTTGATGATGATGATGATGATGATGATGATGATGATG 928  
DB 121 GCCGTCGCAAGTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 180  
QY 929 GCTTTGTGCTATCCAG--AATGAGACTTGGGCCCGACCGCTGCTTGGACAGACT 985  
DB 181 GCTATCTGTTATACAGGAGATGAAAGATGCACTTGGCTTACAGATTCGCAAGT 240  
QY 986 TCTACCGTCACTGCTGAGAGCGATGATGATGATGATGATGATGATGATGATGATG 1045  
DB 241 TTATTCGACCTGTATGAGAGGAGAGCATGGAAGACATTTGATGATGATGATGAT 300  
QY 1046 TGGTACCCGACGAGGCTTCTTC 1068  
DB 301 TTGTCCACACGAGGCTTTTTC 323

RESULT 39  
US-08-843-951-1  
; Sequence 1, Application US/08843951  
; Patent No. 5853996  
; GENERAL INFORMATION:  
; APPLICANT: Vojdani, Aristo

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: APPLICANT: Mordechai, Eli
: TITLE OF INVENTION: Detection of Chronic Fatigue
: TITLE OF INVENTION: Syndrome
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESS: Knobb, Martens, Olson & Bear
: STREET: 620 Newport Center Drive
: CITY: Newport Beach
: STATE: CA
: COUNTRY: USA
: ZIP: 92660
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: OPERATING SYSTEM: IBM Compatible
: SOFTWARE: FastSeq Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/843,951
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/766,677
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Altman, Daniel E
: REGISTRATION NUMBER: 34,115
: REFERENCE/DOCKET NUMBER: INSCI.002A
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 714/760-0404
: TELEFAX: 714/760-9503
: TELEX:
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 576 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-843-951-1

Query Match      9.0%; Score 156.6; DB 2; Length 576;
Best Local Similarity 70.0%; Pred. No. 1.7e-31;
Matches 226; Conservative 0; Mismatches 94; Indels 3; Gaps 1;

QY      749  GGATCCCGAGCCGGGAGATCCCTGACCTGCTGAAAAGGGGAGCGGCTGCCAGCCCC      808
DB      1    GGATCCCGCGAAGTAATCTCTCCCTTGAGAAAGGAGAGCGTTGGCCAGCCAC      60

QY      809  CCATCTGCACCAATTGATGTCTACATGATCATGATGTCAAATGTTGGATGATGACTCTGAT      868
DB      61    CCATTGTACCATTTGATGTGATACATGATCATGATGTCAAATGCTGGATGATGATGACACA      120

QY      869  GTCCGGCCAAAGTCCGGAGTGTGTGCTGAATTCCTCCCGATGCGCCAGGAGCCCCCGC      928
DB      121  GCCGTCCTCAAGTTTCGTAGAGCTGATTTGCAAGTTCTCCAAATGCTGTCGACCTCTCCC      180

QY      929  GCTTTGTCATCAG--AATGAGACTTGGGCCCAAGTCCCTTGGACAGCACT      985
DB      181  GCTATCTTGTATACAGGAGATGAAGAAGATGCACTTGCCCTTACAGATTTCCAGT      240

QY      986  TCTACCGCTCACTGCTGAGAGACGATGACATGAGGGGACCTGCTGATGCTGAGAGATTC      1045
DB      241  TTATTCGACACCTGATGAGAGAGAGACATGAGAGACATTTGATGATGATGATGATTC      300

QY      1046  TGGTACCCCGACAGGCTTTCTTC      1068
DB      301  TTGTCCACACAGGCTTTTTC      323

RESULT 40
US-09-799-451-448
; Sequence 448; Application US/09799451
; Patent No. 6783969
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: GENERAL INFORMATION:
: APPLICANT: Tang, Y. Tom
: APPLICANT: Zhou, Ping
: APPLICANT: Goodrich, Ryle
: APPLICANT: Asundi, Vinod
: APPLICANT: Ren, Feiyan
: APPLICANT: Zhang, Jie
: APPLICANT: Xue, Aidong J.
: APPLICANT: Zhao, Qing A.
: APPLICANT: Wang, Jian-Rui
: APPLICANT: Ma, Yunging
: APPLICANT: Yamazaki, Victoria
: APPLICANT: Chen, Rui-hong
: APPLICANT: Wang, Zhiwei
: APPLICANT: Wang, Dunrui
: APPLICANT: Yang, Yonghong
: APPLICANT: Wehrman, Tom
: APPLICANT: Ghosh, Reena
: APPLICANT: Drmanac, Radoje T.
: TITLE OF INVENTION: No. 6783969el Nucleic Acids and
: TITLE OF INVENTION: Polypeptides
: FILE REFERENCE: 803
: CURRENT APPLICATION NUMBER: US/09/799,451
: CURRENT FILING DATE: 2001-03-05
: NUMBER OF SEQ ID NOS: 948
: SOFTWARE: pt_fl_genes Version 2.0
: SEQ ID NO 448
: LENGTH: 4871
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (1)..(3015)
: US-09-799-451-448
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Query Match      8.7%; Score 150.8; DB 4; Length 4871;
Best Local Similarity 50.4%; Pred. No. 1.5e-29;
Matches 449; Conservative 0; Mismatches 432; Indels 9; Gaps 3;

QY      142  GTGAAGGTGCTTGATCTGGCGGCTTTTGGCAGATCTACAAGGGCATCTGGATCCCTGAT      201
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QY      202  GGGGAGAAATGTAATAATTCAGTGGCCATCAAAAGTTTGAAGGAAAAACATATCCCAAA      261
DB      1669  CCAGGCGAGCGGAGTGGCCCTGCGCATCAAGGCCCTCAAGCCGGCTACACGAGAGA      2028

QY      262  GCCAACAAGAAATCTTAGACAGATGATGCTGATGCTGTGGCTGCCATATGTC      321
DB      2029  CAGAGGGCGGACCTTCGAGGAGGCGTCCATCATGTGGGCAATTCGACATCCCAATC      2088

QY      322  TCCGCTTCCTGGG---CATCTGCTGACATCCAGCTGAGCTGTGACACACTTATG      378
DB      2089  ATCCGCTTCAGAGGTGTCTGACACCTTCCTGAGACCCAGCGGCTGATGATGATGATGAT      2148

QY      379  CCTATGAGCTGCTCTTAGACCATGTCGGGAAAAACCGGAGCGCTGGGCTCCAGGAC      438
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QY      439  CTGCTGAATGCTGTATGACATTTGCCAAGGGATGAGCTTACCTGAGAGATGTGGGCTC      498
DB      2209  CTGGTGGGCAATGCTGAGAGAGTGGTGGCGGCAATGGCTTACCTTCAGACCTGGGCTAT      2268

QY      499  GTACACAGGAGCTTGGCGCTCGGAGAGTGGTGTCAAGAGTCCCAACATGTCAAAAT      558
DB      2269  GTCCACGAGACCTGGCGCGCCGCAAGCTCTGTGTACACAACTGTGTGCAAGGTG      2328

QY      559  ACAGACTTGGGCTGTGCTGCTGCTGCTGAGACATTGAC--GAGACAGATACATGACAT      615
DB      2329  TCTGATTTGGGCTCTCACGGGTGTCTGAGAGAGACCCGAGATGTGCTTACACACACG      2388

QY      616  GGGGCAAGGTGCCCATCAAGTGAATGGCGCTGAGTTCATTTCCGCGCGGCTTACG      675
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Db      2389 GCGGGGAAGATCCCATCCGCTGACGAGGCCCAAGAGCCATCCCTTCCGACCTTCTCC 2448
Qy      676  CACCAGATGATGTGTGAGATTATGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCC 735
Db      2449 TCGGCCAGCAGAGTGTGGAGCTTCCGCCGTGTGATGTGGAGATGTGGCTTATGGGGAG 2508
Qy      736  AAACCTTACGATGGGATCCCAAGCCGGGAGATCCCTGACCTGTGAAAAAGGGGAGCGG 795
Db      2509 CCGCCTTACTGGACATGACCAACCGGGATGTATCATCAGCTCTGTGGAGAGGGGTACCGC 2568
Qy      796  CTGCCCCAGCCCCCATCTGACACATTAATGTCTATCATGATCATGTCAATGTGAGATG 855
Db      2569 CTGCCCCGACCCCATAGGGCTGCCCCCAGCCCTGCAACACCTCATGCTGATGTGGCAC 2628
Qy      856  ATTGACTGTGAATGTGGCCAAAGATTCCGGAGTTGTGTGAATTCTCCCGCATGGCC 915
Db      2629 AAGGACCGGGGCGCAGGGGCTGCTTCTCCAGATTGTCAGTGTCTCGATGGGCTCATC 2688
Qy      916  AGGAGCCCCCAGCGCTTTGTGTCAATCCAGAAATGAGACTTGGGCCAGCCAGTCCCTTG 975
Db      2689 CGCAGCCCTGAGAGTCTCAGGGCCACCGCCACAGTCAGCAGGTGCCCACTCCCTGCTTC 2748
Qy      976  GACAGCACTTCTACCGCTCACTGCTGAGAGAGATGACATGGGGACCT 1025
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 Job time : 165 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: January 23, 2005, 01:18:48 ; Search time 988 Seconds  
(without alignments)  
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Gapop 10.0, Gapext 1.0

Searched: 4300275 seqs, 2872944193 residues

Total number of hits satisfying chosen parameters: 8600550

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 150 summaries

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Published Applications NA:\*

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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

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3	1740	100.0	3768	9	US-09-930-125-1
4	1740	100.0	3768	15	US-10-313-644-1
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6	1740	100.0	4473	15	US-10-146-473-32
7	1740	100.0	4473	15	US-10-207-655-44
8	1740	100.0	4473	15	US-10-101-510-81
9	1740	100.0	4473	15	US-10-762-128-5
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12	1738.4	99.9	9	US-09-930-125-4	

13	1738.4	99.9	1773	9	US-09-930-125-7
14	1738.4	99.9	3765	15	US-10-207-498-5
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16	1738.4	99.9	3768	9	US-09-811-115-2
17	1738.4	99.9	3768	11	US-09-984-092-3
18	1738.4	99.9	3768	16	US-10-280-576-3
19	1738.4	99.9	3768	17	US-10-441-779C-3
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32	1738.4	99.9	4530	16	US-10-435-696-10
33	1738.4	99.9	4530	17	US-10-734-564-59
34	1738.4	99.9	4530	17	US-10-657-022-91
35	1738.4	99.9	4642	14	US-10-198-846-10896
36	1738.4	99.9	9274	9	US-09-811-123-7
37	1738.4	99.9	9274	9	US-09-811-115-1
38	1736.8	99.8	1806	9	US-09-930-125-5
39	1735.2	99.7	4543	9	US-09-769-508-1
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Sequence 46, Appl
Sequence 1130, App





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Db	2806	GAAGAGGGGGAGCGGCTGCCCCAGCCCCCACTGACCAATTGATGTCATCATGATCATG	2865
Qy	841	GTCAAATGTTGGATGATTTGACTCTGTAAGTGTGGGCCAAGATTCGGGGATTTGTCGTGA	900
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Qy	901	TTCTCCCGCATGAGCCAGGAGCCCCAGCGCTTGTGTGTCATCCAGATGAGACTTGGGC	960
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Qy	1021	GACCTGTGTGATGCTGAGAGAGTATCTGTATCCCAAGCAGGGCTTTTGTGTCCAGACCT	1080
Db	3046	GACCTGTGTGATGCTGAGAGAGTATCTGTATCCCAAGCAGGGCTTTTGTGTCCAGACCT	3105
Qy	1081	GCCTCCGGGCGCTGGGGGGGATGATGATCCACAGAGGACCGCAGCTCATCTACAGAGATGGC	1140
Db	3106	GCCTCCGGGCGCTGGGGGGGATGATGATCCACAGAGGACCGCAGCTCATCTACAGAGATGGC	3165
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```

1  APPLICANT: Cheever, Martin A.
2  APPLICANT: Cheyssen, Dirk
3  APPLICANT: Corixa Corporation
4  APPLICANT: SmithKline Beecham Biologicals S. A.
5  TITLE OF INVENTION: HER-2/neu Fusion Proteins
6  FILE REFERENCE: 014058-009810PC
7  CURRENT APPLICATION NUMBER: US/09/854,356
8  CURRENT FILING DATE: 2001-05-09
9  PRIOR APPLICATION NUMBER: US 09/493,480
10 PRIOR FILING DATE: 2000-01-28
11 PRIOR APPLICATION NUMBER: US 60/117,976
12 PRIOR FILING DATE: 1999-01-29
13 NUMBER OF SEQ ID NOS: 26
14 SOFTWARE: PatentIn Ver. 2.1
15 SEQ ID NO 9
16 LENGTH: 3768
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24 LOCATION: (1)..(1959)
25 OTHER INFORMATION: extracellular domain (ECD) of human HER-2/neu
26 NAME/KEY: misc feature
27 LOCATION: (2026)..(3765)
28 OTHER INFORMATION: intracellular domain (ICD) of human HER-2/neu
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30 LOCATION: (2968)..(3765)
31 OTHER INFORMATION: phosphotylation domain (PD) of human HER-2/neu
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 ; GENERAL INFORMATION:  
 ; APPLICANT: Gaiger, Alexander  
 ; APPLICANT: Cheever, Martin A.  
 ; APPLICANT: Hand-Zimmerman, Susan  
 ; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND THERAPY OF HEMATOLOGICAL  
 ; TITLE OF INVENTION: AND VIRUS-ASSOCIATED MALIGNANCIES  
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 ; CURRENT FILING DATE: 2002-12-04  
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; Publication No. US2003008342A1  
; GENERAL INFORMATION:  
; APPLICANT: Scholler, Nathalie B.  
; APPLICANT: Disis, Mary L.  
; APPLICANT: Hellstrom, Ingegerd  
; APPLICANT: Hellstrom, Karl Erik  
; TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN VACCINES  
; FILE REFERENCE: 730033.409  
; CURRENT APPLICATION NUMBER: US/09/441,411  
; CURRENT FILING DATE: 1999-11-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
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; ORGANISM: Homo sapiens  
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; APPLICANT: MANG, YIXIN  
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE  
; FILE REFERENCE: 15117,0012  
; CURRENT APPLICATION NUMBER: US/10/101,510  
; PRIOR FILING DATE: 2002-03-20  
; PRIOR FILING DATE: 2001-03-20  
; NUMBER OF SEQ ID NOS: 805  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 81  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-101-510-81  
Query Match 100.0%; Score 1740; DB 15; Length 4473;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 AAGCGACGCGACGAGAAAGATCCGGAAGTACAGATGCGGAGACTGCTGACGAAACGAG 60  
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Qy 61 CTGTGTGAGCGCGTGAACACTAGCGGAGCGATGCGCAACGAGCGAGATGCGATCTCTG 120  
Db 2260 CTGTGTGAGCGCGTGAACACTAGCGGAGCGATGCGCAACGAGCGAGATGCGATCTCTG 2319  
Qy 121 AAGAGACGAGCTGAGGAAAGTGAAGTGTGATGCTGCGCTTTTGGACAGTCTAC 180  
Db 2320 AAGAGACGAGCTGAGGAAAGTGAAGTGTGATGCTGCGCTTTTGGACAGTCTAC 2379  
Qy 181 AAGGCACTTGTGATCCTGATGGGAGAAATGAAATTTCCAGTGGCCATCAAGTGTG 240  
Db 2380 AAGGCACTTGTGATCCTGATGGGAGAAATGAAATTTCCAGTGGCCATCAAGTGTG 2439  
Qy 241 AAGGAAACACATCCCGCAAGCCAAAGAAATCTTGAAGCAAGTACGTGTGCT 300  
Db 2440 AAGGAAACACATCCCGCAAGCCAAAGAAATCTTGAAGCAAGTACGTGTGCT 2499  
Qy 301 GGTGTGGGCTCCCAATATGCTCCCGCTTCTGGGCACTGTGACATTCACGCTGAG 360  
Db 2500 GGTGTGGGCTCCCAATATGCTCCCGCTTCTGGGCACTGTGACATTCACGCTGAG 2559  
Qy 361 CTGTGTGACAGCTTATATGCTCTATGCTGCTCTTGAACATGTGCGGAAACCGCGGA 420  
Db 2560 CTGTGTGACAGCTTATATGCTCTATGCTGCTCTTGAACATGTGCGGAAACCGCGGA 2619  
Qy 421 CGCCTGGGCTCCAGAGCTGCTGAATGTGTGATGTGCAATTTGCAAGAGGATGAGCTAC 480  
Db 2620 CGCCTGGGCTCCAGAGCTGCTGAATGTGTGATGTGCAATTTGCAAGAGGATGAGCTAC 2679  
Qy 481 CTGAGAGATGTGCGGCTGTACACAGGACTTGGCCGCTCGGAAAGTGTGCTGCTCAAGAGT 540  
Db 2680 CTGAGAGATGTGCGGCTGTACACAGGACTTGGCCGCTCGGAAAGTGTGCTGCTCAAGAGT 2739  
Qy 541 CCACACATGTCAAAATTTACAGACTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600  
Db 2740 CCACACATGTCAAAATTTACAGACTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2799  
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Db 2800 GAGTACCATGACATGGGGGCAAGTGTCCATCAAGTGAATGGGGCTGGAATCCATTCTC 2859

QY 661 CGCCGGCGGTTACCCACAGAGTATGTGTGAGTTATGTGTGACCTGTGTGGAGCTG 720  
DB 2860 CGCCGGCGGTTACCCACAGAGTATGTGTGAGTTATGTGTGACCTGTGTGGAGCTG 2919  
QY 721 ATGACTTTTGGGGCCAAACCTTACGATGGATGCCAGCCCGGAGATCCCTGACTGTG 780  
DB 2920 ATGACTTTTGGGGCCAAACCTTACGATGGATGCCAGCCCGGAGATCCCTGACTGTG 2979  
QY 781 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGACCATTTGATGTCTACATGATCATG 840  
DB 2980 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGACCATTTGATGTCTACATGATCATG 3039  
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DB 3040 GTCAATGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3099  
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DB 3100 TTCTCCGCGATGCGCAGAGACCCCGAGCGCTTGTGTGATCATCGAATGAGACTTGTGGC 3159  
QY 961 CCAGCCAGTCCCTTGGACAGCACTTCTACCGCTGACCTGAGAGACGATGACATGAGG 1020  
DB 3160 CCAGCCAGTCCCTTGGACAGCACTTCTACCGCTGACCTGAGAGACGATGACATGAGG 3219  
QY 1021 GACCTGGTGAATGCTGAGAGATCTGTGATCCGAGAGGGGCTTCTGTCTCCAGACCT 1080  
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QY 1081 GCCCGGGGCGCTGGGGGCGATGATGATGATGATGATGATGATGATGATGATGATGATG 1140  
DB 3280 GCCCGGGGCGCTGGGGGCGATGATGATGATGATGATGATGATGATGATGATGATGATG 3339  
QY 1141 GGTGGGGGACCTGACACTGAGGCTGAGGCTCTGAGAGAGAGGCCCCAGGCTTCTCACTG 1200  
DB 3340 GGTGGGGGACCTGACACTGAGGCTGAGGCTCTGAGAGAGAGGCCCCAGGCTTCTCACTG 3399  
QY 1201 GCAACCTCCGAAAGGGGCGTGGCTCGATGATTTGATGATGATGATGATGATGATGATG 1260  
DB 3400 GCAACCTCCGAAAGGGGCGTGGCTCGATGATTTGATGATGATGATGATGATGATGATG 3459  
QY 1261 AAGGGGCTGCAAAAGCTCTCCCAACATGACCCAGCCCTCTACAGCGGTAAGTGAAGAC 1320  
DB 3460 AAGGGGCTGCAAAAGCTCTCCCAACATGACCCAGCCCTCTACAGCGGTAAGTGAAGAC 3519  
QY 1321 CCCACAGTACCCCTGCGCTCTGAGACTGATGGCTAGCTTGTGCCCCCTGACCTGACGCC 1380  
DB 3520 CCCACAGTACCCCTGCGCTCTGAGACTGATGGCTAGCTTGTGCCCCCTGACCTGACGCC 3579  
QY 1381 CAGCTGAATATGTGAACCAAGCCAGATGTTGCGGCCCCAGCCCCCTGCCCCGAGAGGAC 1440  
DB 3580 CAGCTGAATATGTGAACCAAGCCAGATGTTGCGGCCCCAGCCCCCTGCCCCGAGAGGAC 3639  
QY 1441 CCTGTGCTGCTGCGCAGACTGTGTGCACTCTGAGAAAGGCCAAGAATCTCTCCCA 1500  
DB 3640 CCTGTGCTGCTGCGCAGACTGTGTGCACTCTGAGAAAGGCCAAGAATCTCTCCCA 3699  
QY 1501 GGGAGGATGGGGTGTCTCAAAAGCGTTTGGCTTTGGGGGTGCGTGTGAAGAACCCGAG 1560  
DB 3700 GGGAGGATGGGGTGTCTCAAAAGCGTTTGGCTTTGGGGGTGCGTGTGAAGAACCCGAG 3759  
QY 1561 TACTTGAACCCCGAGAGAGAGCTGCCCCCTGAGCCCCAACCCTCTCTGCTTCAAGCCA 1620  
DB 3760 TACTTGAACCCCGAGAGAGAGCTGCCCCCTGAGCCCCAACCCTCTCTGCTTCAAGCCA 3819  
QY 1621 GCCTTCAACAATCTCTATTACTGTGGACCAAGACCAACAGAGCGGGGGCTCCACCCAGC 1680  
DB 3820 GCCTTCAACAATCTCTATTACTGTGGACCAAGACCAACAGAGCGGGGGCTCCACCCAGC 3879  
QY 1681 ACCCTCAAGGAGACCTTACGGCAGAGAACCCAGAGTACCTGTGGTCTTGAAGTGCAGTG 1740  
DB 3880 ACCCTCAAGGAGACCTTACGGCAGAGAACCCAGAGTACCTGTGGTCTTGAAGTGCAGTG 3939

RESULT 9  
US-10-762-128-5  
; Sequence 5, Application US/10762128  
; Publication No. US20040219161A1  
; GENERAL INFORMATION:  
; APPLICANT: Scholler, Nathalie B.  
; APPLICANT: Disis, Mary L.  
; APPLICANT: Helstrom, Ingegerd  
; APPLICANT: Helstrom, Karl Erik  
; TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN VACCINES  
; FILE REFERENCE: 730033.409C1  
; CURRENT APPLICATION NUMBER: US/10/762.128  
; PRIOR FILING DATE: 2004-01-20  
; PRIOR APPLICATION NUMBER: US 09/441,411  
; PRIOR FILING DATE: 1999-11-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-762-128-5

Query Match 100.0%; Score 1740; DB 18; Length 4473;

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAGCGACGACGACGAGAGATCCGGAATGACAGATGCGGAGACTGTGACAGAAACGAG 60  
DB 2200 AAGCGACGACGACGAGAGATCCGGAATGACAGATGCGGAGACTGTGACAGAAACGAG 2259  
QY 61 CTGTGTGAGCGCGCTGACACTGAGGAGCGGATGCCAACCAAGGCGAGATGCGGATCTGT 120  
DB 2260 CTGTGTGAGCGCGCTGACACTGAGGAGCGGATGCCAACCAAGGCGAGATGCGGATCTGT 2319  
QY 121 AAAGAGACGAGAGCTGAGAAAGTGAAGTGTGATGATGATGATGATGATGATGATGATG 180  
DB 2320 AAAGAGACGAGAGCTGAGAAAGTGAAGTGTGATGATGATGATGATGATGATGATGATG 2379  
QY 181 AAGGCGATCTGATCTCTGATGAGGAGATGTAATTTCCAGTGGCCATCAAAAGTGTG 240  
DB 2380 AAGGCGATCTGATCTCTGATGAGGAGATGTAATTTCCAGTGGCCATCAAAAGTGTG 2439  
QY 241 AAGGAAAAACATCTCCCAAAAGCCAAAGAAATCTTGAACAGACATACGTATGCT 300  
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QY 361 CTGTGTGACAGAGCTTATGCTTATGCTGCTCTTGAACCATGTCCGGGAAAAACGCGGA 420  
DB 2560 CTGTGTGACAGAGCTTATGCTTATGCTGCTCTTGAACCATGTCCGGGAAAAACGCGGA 2619  
QY 421 CGCTGTGGCTCCAGAGACTGTGTGAATGTGTGTATGCAATGTGCAAGGGGATGACTAC 480  
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QY 481 CTGAGAGATGTGGGCTGCTGACAGGAGACTTGGCGGCTGGGAAACGCTGTGTGAAGT 540  
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QY 601 GAGTACCATGCAATGAGGCGCAAGGTGCTCATCAATGATGATGATGATGATGATGATG 660  
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Db 3160 CCAAGCAGTCCCTTGGAGACACTTTCTACCGCTCACTGTGGAGAGCGATGACATGGGG 3219  
Qy 1021 GACCTGTGGATGCTGAGAGAGATTTGTATACCCCGAGCGGCTTTCTTCTCTCAACCTT 1080  
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Db 3400 GCACCTCCGAAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTGTGGAAATGGGGGACGC 3459  
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Qy 1321 CCAAGATGACCTGCTGCTGAGACTGATGGCTGATGCTGCTGCTGCTGAGCGGCC 1380  
Db 3520 CCAAGATGACCTGCTGCTGAGACTGATGGCTGATGCTGCTGCTGCTGAGCGGCC 3579  
Qy 1381 CAGCTGAATATGTGAACCAAGCAGATGTTGGGCGGCCCTTCCGCGCGGAGAGGCG 1440  
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Qy 1441 CCTCTGCTGCTGCGCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3640 CCTCTGCTGCTGCGCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3699  
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RESULT 10  
US-10-723-860-8

Sequence 8, Application US/10723860  
; Publication No. US20040253606A1  
; GENERAL INFORMATION:  
; APPLICANT: Aziz, Natasha  
; APPLICANT: Gineburg, Wendy M.  
; APPLICANT: Zlocnik, Albert  
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &  
; FILE REFERENCE: 05882.0193.NPUS01  
; CURRENT APPLICATION NUMBER: US/10723, 860  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: 60/429, 739  
; NUMBER OF SEQ ID NOS: 8393  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 8  
; LENGTH: 4473  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-723-860-8

Query Match 100.0%; Score 1740; DB 18; Length 4473;  
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
Matches 1740; Conservative

Qy 1 AAGCAGCGGAGCAGAGATCCGAAATGACAGATGCGGAGACTGTCAGGAAACGAG 60  
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Qy 361 CTGTGTGACAGCTTATCCCTATGCTGCTCTTACAGATGTCGCGGAAACCGCGGA 420  
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QY	721	ATGACTTTGGGGGCGCAAACTTACAGATGGATATCCAGCCGGGAGATCCCTGACCTGCTG	780
Db	724	ATGACTTTGGGGGCGCAAACTTACAGATGGATATCCAGCCGGGAGATCCCTGACCTGCTG	783
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Db	784	GAAGAGGGGGGCGCGCTGCCCCAGCCCCCATCTTGCAACATTGATGTCTACATGATCATG	843
QY	841	GTCAAAATGTTGGATGATTTGACTCTGAAATGTGCGCCAGATTTCCGGAGATTGGTGTCTGAA	900
Db	844	GTCAAAATGTTGGATGATTTGACTCTGAAATGTGCGCCAGATTTCCGGAGATTGGTGTCTGAA	903
QY	901	TTCTCCCGSCATGGCCAGGAGACCCCCAGCGCTTTTGCGTCAATCCAGAAATGAAGACTTGGCC	960
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QY	961	CCAGCCAGTCCCTTTGAGACAGCACTTCTACCGCTCTACGCTGAGAGAGCATGACATGGGG	1020
Db	964	CCAGCCAGTCCCTTTGAGACAGCACTTCTACCGCTCTACGCTGAGAGAGCATGACATGGGG	1023
QY	1021	GACCTGGTGATGCTGAGAGATTTGTGTACCCAGCAGGGCTTTCTGTCCAGACCTT	1080
Db	1024	GACCTGGTGATGCTGAGAGATTTGTGTACCCAGCAGGGCTTTCTGTCCAGACCTT	1083
QY	1081	GGCCCCGGGCGGTGGGGGGATGCTGCACACAGAGCACCGCACTCATCTCACAGAGATGGCC	1140
Db	1084	GGCCCCGGGCGGTGGGGGGATGCTGCACACAGAGCACCGCACTCATCTCACAGAGATGGCC	1143
QY	1141	GGTGGGGGACTGACACTGAGGCTGGAGGCTCTGTGAAGAGAGAGCCCCAGGCTTCCACTG	1200
Db	1144	GGTGGGGGACTGACACTGAGGCTGGAGGCTCTGTGAAGAGAGAGCCCCAGGCTTCCACTG	1203
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Db	1204	GCACCTTCCGAAGGGGCTGGCTCCGATGTATTGATGGTGAACCTGGGAATGGGGGCAAGCC	1263
QY	1261	AAGGGGCTGCAAAACCTTCCCAACACATGACCCCAAGCCCTCTACAGCGGTACACATGAGGAC	1320
Db	1264	AAGGGGCTGCAAAACCTTCCCAACACATGACCCCAAGCCCTCTACAGCGGTACATGAGGAC	1323
QY	1321	CCCAACAGTACCCTCTGAGCTGATGAGCTGATGAGCTGATGAGCTGAGCTGAGCGGCC	1380
Db	1324	CCCAACAGTACCCTCTGAGCTGATGAGCTGATGAGCTGATGAGCTGAGCTGAGCGGCC	1383
QY	1381	CAGCCTGAATATGTGAACCAAGCAGATGTTGGGCCCAAGCCCCCTTTCGCCCCGAGAGGGC	1440
Db	1384	CAGCCTGAATATGTGAACCAAGCAGATGTTGGGCCCAAGCCCCCTTTCGCCCCGAGAGGGC	1443
QY	1441	CCTCTGCTGCTGCCCCCACTGCTGTGTGCTCACTGTGAAAGGCCCAAGACTTCTCTCCCA	1500
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QY	1561	TACTTTGACACCCAGGAGAGAGCTGCCCTCAGGCCCACTCTCTGCTTCAAGGCCA	1620
Db	1564	TACTTTGACACCCAGGAGAGAGCTGCCCTCAGGCCCACTCTCTGCTTCAAGGCCA	1623
QY	1621	GCTTTCCAGAACCTTCTATTACTGGGACAGAGCCCAACAGACGGGGGGGCTTCAACCCAGC	1680
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QY	1681	ACCTTCAAAAGGGACACTTACGGCAGAGAACCAAGATACCTGAGGCTGGAAGTGCACTG	1740
Db	1684	ACCTTCAAAAGGGACACTTACGGCAGAGAACCAAGATACCTGAGGCTGGAAGTGCACTG	1743

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: GENERAL INFORMATION:
: APPLICANT: Hand-Zimmerman, Susan
: APPLICANT: Cheever, Martin A.
: APPLICANT: Foy, Teresa M.
: APPLICANT: Lodes, Michael J.
: APPLICANT: Kalos, Michael D.
: APPLICANT: McNeill, Patricia D.
: APPLICANT: Vedvick, Thomas S.
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
: TITLE OF INVENTION: OF HER-2/NEU-ASSOCIATED MALIGNANCIES
: FILE REFERENCE: 210121.544
: CURRENT APPLICATION NUMBER: US/09/930.125
: CURRENT FILING DATE: 2001-08-14
: NUMBER OF SEQ ID NOS: 25
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 4
: LENGTH: 1767
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-930-125-4

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Query Match	99.9%	Score 1738.4;	DB 9;	Length 1767;
Best Local Similarity	99.9%	Pred. No. 0;		
Matches 1739; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

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QY	61	CTGGTGGAGCCGCTGCACACTTGAAGGGAGCATGCCCCAACAGGGCGCAGATGCCGATCTTG	120
Db	64	CTGGTGGAGCCGCTGCACACTTGAAGGGAGCGATGCCAACAGGGCGCAGATGCCGATCTTG	123
QY	121	AAAGAGA CGGAGCTGAGAAAGGTGAAGGTCTTGGATCTGGCGCTTTTGGCACAGTCTTAC	180
Db	124	AAAGAGA CGGAGCTGAGAAAGGTGAAGGTCTTGGATCTGGCGCTTTTGGCACAGTCTTAC	183
QY	181	AAAGGCATCTGGATCTCCCTGATGGGGAGAAATGTGAAAA TTTCCAGTGGCCATCAAAAGTTTG	240
Db	184	AAAGGCATCTGGATCTCCCTGATGGGGAGAAATGTGAAAA TTTCCAGTGGCCATCAAAAGTTTG	243
QY	241	AGGGAAAAACATCCCCCACAAGCCCAAGAAATCTTACGCAAGGATACGTATGGACT	300
Db	244	AGGGAAAAACATCCCCCACAAGCCCAAGAAATCTTACGCAAGGATACGTATGGACT	303
QY	301	GGTGTGGGCTCCCCATATGTCTCCCGGCTTCTGGGGACCTTGCCCTGACATCACCGTGCAG	360
Db	304	GGTGTGGGCTCCCCATATGTCTCCCGGCTTCTGGGGACCTTGCCCTGACATCACCGTGCAG	363
QY	361	CTGTGTGACACAGCTTATGCGCTATGCGCTGCTCTTACAGCATGTCCGGGAAAAACCGCGGA	420
Db	364	CTGTGTGACACAGCTTATGCGCTATGCGCTGCTCTTACAGCATGTCCGGGAAAAACCGCGGA	423
QY	421	CGCTTGGGCTTCCAGGACCTGTCTGAATCTGTGTATGACAAATTGCCAAGGGGATTAAGCTTAC	480
Db	424	CGCTTGGGCTTCCAGGACCTGTCTGAATCTGTGTATGACAAATTGCCAAGGGGATTAAGCTTAC	483
QY	481	CTGGAGGATGTGGCGCTCGTACACAGGGACCTTGGCGGCTCGGAAACGTGTGTCAAGAGT	540
Db	484	CTGGAGGATGTGGCGCTCGTACACAGGGACCTTGGCGGCTCGGAAACGTGTGTCAAGAGT	543
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Db	544	CCCAACCATGTCAAAATTTACAGACTTTCGGGCTGGCTCGGCTGCTGACATTTGACGAGACA	603
QY	601	GAGTACCATGCAGATGGGGGCGAAGGTGCCCATCAAGTGAATGGCGCTGGAGTCCATTCTC	660
Db	604	GAGTACCATGCAGATGGGGGCGAAGGTGCCCATCAAGTGAATGGCGCTGGAGTCCATTCTC	663
QY	661	CGCCGGGGGTTTCAACCAACGAGATGATGTGAGATTATGCTGTGACCTGTGTGGGAGCTG	720
Db	664	CGCCGGGGGTTTCAACCAACGAGATGATGTGAGATTATGCTGTGACCTGTGTGGGAGCTG	723







Db 2686 CGCCGGCGGTTACCCACCAAGATGTGAGATTATGATGTGATCTGTGTGGAGCTG 2745  
Qy 721 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCAGGCCCGGAGATCCCTGACTGCTG 780  
Db 2746 ATGACTTTTGGGGCCAAACCTTACAGATGGATCCAGGCCCGGAGATCCCTGACTGCTG 2805  
Qy 781 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGACCACTTATGTCTTACATGATCATG 840  
Db 2806 GAAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGACCACTTATGTCTTACATGATCATG 2865  
Qy 841 GTCAATGTTGGATGATTGACTCTGAAATGTGGGCCAAGATTCCGGGAGTTGGTGTCTGAA 900  
Db 2866 GTCAATGTTGGATGATTGACTCTGAAATGTGGGCCAAGATTCCGGGAGTTGGTGTCTGAA 2925  
Qy 901 TTCTCCCGCATGCGCAGGAGCCCGCAGCGCTTGTGTGATCTCAAGAAATGAGACTTGGGC 960  
Db 2926 TTCTCCCGCATGCGCAGGAGCCCGCAGCGCTTGTGTGATCTCAAGAAATGAGACTTGGGC 2985  
Qy 961 CCAGCCAGTCCCTTGGAGACACCTTCTACCGCTCACTGCTGGAGAGAGATGACATGGGG 1020  
Db 2986 CCAGCCAGTCCCTTGGAGACACCTTCTACCGCTCACTGCTGGAGAGAGATGACATGGGG 3045  
Qy 1021 GACCTGGTGAATGCTGAGGAGATCTGGTACCCACAGAGGGCTTCTGTGCCAGACCT 1080  
Db 3046 GACCTGGTGAATGCTGAGGAGATCTGGTACCCACAGAGGGCTTCTGTGCCAGACCT 3105  
Qy 1081 GCCCGGGGCGTGGGGGCGATGGTCCACACAGGACCGCAGCTCATCTACAGAGAGTGGC 1140  
Db 3106 GCCCGGGGCGTGGGGGCGATGGTCCACACAGGACCGCAGCTCATCTACAGAGAGTGGC 3165  
Qy 1141 GGTGGGGACTGACACTAGGCTGTGAGCCCTCTGTGAAGAGAGGCCCTTCTCACTG 1200  
Db 3166 GGTGGGGACTGACACTAGGCTGTGAGCCCTCTGTGAAGAGAGGCCCTTCTCACTG 3225  
Qy 1201 GCACCTCCGAGAGGGGCTGCTCGATGTATTGATGATGATCTGGAGACTGGGGGCAAGC 1260  
Db 3226 GCACCTCCGAGAGGGGCTGCTCGATGTATTGATGATGATCTGGAGACTGGGGGCAAGC 3285  
Qy 1261 AAGGGGCTGCAAGAGCTCCCAACATGACCCAGCCCTCTACAGCGGTACAGTAGAGAC 1320  
Db 3286 AAGGGGCTGCAAGAGCTCCCAACATGACCCAGCCCTCTACAGCGGTACAGTAGAGAC 3345  
Qy 1321 CCACAGTACCCCTGCTGCTGTGAGACTGATGAGCTAGTGGCCCCCTTGAACCTGACCC 1380  
Db 3346 CCACAGTACCCCTGCTGCTGTGAGACTGATGAGCTAGTGGCCCCCTTGAACCTGACCC 3405  
Qy 1381 CAGGCTGAATATGGAACCAAGCCAGATGTGGGCCCCAGCCCCCTTGGCCCCGAGAGGGC 1440  
Db 3406 CAGGCTGAATATGGAACCAAGCCAGATGTGGGCCCCAGCCCCCTTGGCCCCGAGAGGGC 3465  
Qy 1441 CCTGCTGCTGCTGCGCCGACTGTGATGCACTGTGAAGAGGCCAAGACTCTCTCCCA 1500  
Db 3466 CCTGCTGCTGCTGCGCCGACTGTGATGCACTGTGAGAGAGGCCAAGACTCTCTCCCA 3525  
Qy 1501 GGGAGAAATGGGGTGTCAAGAGCTTTTGGCTTTGGGGGTGCGCTGAGAGAACCCCGAG 1560  
Db 3526 GGGAGAAATGGGGTGTCAAGAGCTTTTGGCTTTGGGGGTGCGCTGAGAGAACCCCGAG 3585  
Qy 1561 TACTTGAACCCCGAGGAGAGCTGCCCTGAGCCCCCAGCTTCTGCTGCTTACGCCCA 1620  
Db 3586 TACTTGAACCCCGAGGAGAGCTGCCCTGAGCCCCCAGCTTCTGCTGCTTACGCCCA 3645  
Qy 1621 GCGTTGCAACACTTATTACTTGGGACAGAGACCCACAGAGCGGGGGCTTCAACCCAGC 1680  
Db 3646 GCGTTGCAACACTTATTACTTGGGACAGAGACCCACAGAGCGGGGGCTTCAACCCAGC 3705  
Qy 1681 ACCTTCAAAAGGAGACCTTACGGCAGAGAACCCAGAGTACTTGGGTCTGAGCGTGCAGTG 1740  
Db 3706 ACCTTCAAAAGGAGACCTTACGGCAGAGAACCCAGAGTACTTGGGTCTGAGCGTGCAGTG 3765

RESULT 15  
US-09-811-123-8

Sequence 8, Application US/09811123  
Patent No. US2002001587A1  
GENERAL INFORMATION:  
APPLICANT: Sharon Erickson  
APPLICANT: Ralph Schwall  
APPLICANT: Mark Sliwowski  
TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-ErbB  
FILE REFERENCE: GENENT.073A2  
CURRENT FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: 60/238,327  
PRIOR FILING DATE: 2000-10-05  
PRIOR APPLICATION NUMBER: 09/602,530  
PRIOR FILING DATE: 2000-06-23  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 8  
LENGTH: 3768  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-811-123-8  
Query March 99.9%; Score 1738.4; DB 9; Length 3768;  
Beet Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1 AAGGACGGCAGCAAGATCCGAGATACAGATGCGGAGACTGCTGACAGAAACGAG 60  
Db 2026 AAGGACGGCAGCAAGATCCGAGATACAGATGCGGAGACTGCTGACAGAAACGAG 2085  
Qy 61 CTGTGAGAGCCGCTGACACTTACGAGAGCGATGCCCAACAGGCGAGATCGGATCCTG 120  
Db 2086 CTGTGAGAGCCGCTGACACTTACGAGAGCGATGCCCAACAGGCGAGATCGGATCCTG 2145  
Qy 121 AAAGAGCGAGCTGAGAGAGTGAAGTGTGATGCTGGAGCTTTTGGACAAGTCTAC 180  
Db 2146 AAAGAGCGAGCTGAGAGAGTGAAGTGTGATGCTGGAGCTTTTGGACAAGTCTAC 2205  
Qy 181 AAGGCACTTGGATCCCTGATGGGAGATGTGAAAATCCAGTGGCCATCAAGTGTG 240  
Db 2206 AAGGCACTTGGATCCCTGATGGGAGATGTGAAAATCCAGTGGCCATCAAGTGTG 2265  
Qy 241 AAGGAAAAACATCTCCCAAAACCAAGAAATCTTGAAGCAATACGTATGCT 300  
Db 2266 AAGGAAAAACATCTCCCAAAACCAAGAAATCTTGAAGCAATACGTATGCT 2325  
Qy 301 GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGGGCAATCTGCAATCCAGGTCAG 360  
Db 2326 GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGGGCAATCTGCAATCCAGGTCAG 2385  
Qy 361 CTGTGACACAGCTTATAGCCCTATGCTGCTCTTGAACATGTCTCGGAGAAACCGCGGA 2445  
Db 2386 CTGTGACACAGCTTATAGCCCTATGCTGCTCTTGAACATGTCTCGGAGAAACCGCGGA 2445  
Qy 421 CGCCTGGGCTCCAGAGACTTGTGATGTGATGAGATTGCCAAGGGATGAGCTAC 480  
Db 2446 CGCCTGGGCTCCAGAGACTTGTGATGTGATGAGATTGCCAAGGGATGAGCTAC 2505  
Qy 481 CTGAGAGATGTGGGCTGTGACAGAGACTTGGCCGCTCGGAACTGTCTCAAGAGT 540  
Db 2506 CTGAGAGATGTGGGCTGTGACAGAGACTTGGCCGCTCGGAACTGTCTCAAGAGT 2565  
Qy 541 CCAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGCTGAGCATTGACAGAC 600  
Db 2566 CCAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGCTGAGCATTGACAGAC 2625  
Qy 601 GAGTACCATGAGATGGGGGCAAGTGTCCATCAAGTGAAGGCGCTGAGTCAATTCTC 660  
Db 2626 GAGTACCATGAGATGGGGGCAAGTGTCCATCAAGTGAAGGCGCTGAGTCAATTCTC 2685  
Qy 661 CGCCGGCGGTTCAACCCAGAGTATGTGAGATTATGATGTGATCTGTGGAGCTG 720

Db 2686 CGCCGGGGTTCAACCAAGATGATGTGAGATTATGTTGATCTGTGGAGCTG 2745  
Qy 721 ATGACTTTTGGGGGCAAACTTACGATGGATCCAGCCGGAGATCCCTGACTGTG 780  
Db 2746 ATGACTTTTGGGGGCAAACTTACGATGGATCCAGCCGGAGATCCCTGACTGTG 2805  
Qy 781 GAAAAAGGGGAGCGGCTGCCCCCAGCCCATCTGACACATTTGATGTTAATGATCATG 840  
Db 2806 GAAAAAGGGGAGCGGCTGCCCCCAGCCCATCTGACACATTTGATGTTAATGATCATG 2865  
Qy 841 GTCAATATGTTGATGATTTGACTCTGAATGTGGCCCAAGATTCCGGAGTTGTGTGAA 900  
Db 2866 GTCAATATGTTGATGATTTGACTCTGAATGTGGCCCAAGATTCCGGAGTTGTGTGAA 2925  
Qy 901 TTCTCCCGCATGGCCAGGAGACCCCAAGCGCTTTGTGTGATCAAGATGAGACTTGGGC 960  
Db 2926 TTCTCCCGCATGGCCAGGAGACCCCAAGCGCTTTGTGTGATCAAGATGAGACTTGGGC 2985  
Qy 961 CCAAGCCAGTCCCTTGGAGACGACTTTCTACCGCTCACTGCTGAGAGAGATGAGCATGGGG 1020  
Db 2986 CCAAGCCAGTCCCTTGGAGACGACTTTCTACCGCTCACTGCTGAGAGAGATGAGCATGGGG 3045  
Qy 1021 GACTGTGATGATGTTGAGAGATCTGTGTACCCAGAGAGGCTTTCTGTGCGACAGCCCT 1080  
Db 3046 GACTGTGATGATGTTGAGAGATCTGTGTACCCAGAGAGGCTTTCTGTGCGACAGCCCT 3105  
Qy 1081 GCGCCGGCGCTGAGGGGCAATGATCCACACAGGACCGCAGACTATCTACAGAGATGGC 1140  
Db 3106 GCGCCGGCGCTGAGGGGCAATGATCCACACAGGACCGCAGACTATCTACAGAGATGGC 3165  
Qy 1141 GGTGGGGAAGCTGACACTAGGGGCTGAGGCTCTGAAAGAGAGGCCCCCAAGGTTCTCCACTG 1200  
Db 3166 GGTGGGGAAGCTGACACTAGGGGCTGAGGCTCTGAAAGAGAGGCCCCCAAGGTTCTCCACTG 3225  
Qy 1201 GCAACCTCCGAAGGGGCGTGGCTCCGATGTATTGATGTTGATGTTGAGGAAATGGGGGCAAGC 1260  
Db 3226 GCAACCTCCGAAGGGGCGTGGCTCCGATGTATTGATGTTGATGTTGAGGAAATGGGGGCAAGC 3285  
Qy 1261 AAGGGGCTGGAAGAGCTTCCACACATAGCCCAAGCCCTCTACAGCGGTACAGTAGAGAC 1320  
Db 3286 AAGGGGCTGGAAGAGCTTCCACACATAGCCCAAGCCCTCTACAGCGGTACAGTAGAGAC 3345  
Qy 1321 CCAACAGTACCCCTGCTGAGACTGATGAGCTTACGTTGCTCCCTGACCTGACAGCCCT 1380  
Db 3346 CCAACAGTACCCCTGCTGAGACTGATGAGCTTACGTTGCTCCCTGACCTGACAGCCCT 3405  
Qy 1381 CAGCTGAATATGTGAACCAAGCAGATGTTGGGCCCAAGCCCTTGGCCCCGAGAGGAC 1440  
Db 3406 CAGCTGAATATGTGAACCAAGCAGATGTTGGGCCCAAGCCCTTGGCCCCGAGAGGAC 3465  
Qy 1441 CCTCTGCTGCTGCGCAGACTGTGTGACACTCTGGAAGAGGCGCAAGACTCTCTCCCA 1500  
Db 3466 CCTCTGCTGCTGCGCAGACTGTGTGACACTCTGGAAGAGGCGCAAGACTCTCTCCCA 3525  
Qy 1501 GGGAGAAATGAGGCTGTCAAGAGCGTTTGTGCTTTGGGGGTGCGTGGAGAACCCGAG 1560  
Db 3526 GGGAGAAATGAGGCTGTCAAGAGCGTTTGTGCTTTGGGGGTGCGTGGAGAACCCGAG 3585  
Qy 1561 TACTTGAACCCCGAGAGAGCTGCCCCCTGAGGCCCACTCTCTCTGCTTCAAGCCA 1620  
Db 3586 TACTTGAACCCCGAGAGAGCTGCCCCCTGAGGCCCACTCTCTCTGCTTCAAGCCA 3645  
Qy 1621 GCGCTTGACAACCTCTATTACTGAGGACCAAGGACCAAGAGCGGGGGGCTCCACCCAGC 1680  
Db 3646 GCGCTTGACAACCTCTATTACTGAGGACCAAGGACCAAGAGCGGGGGGCTCCACCCAGC 3705  
Qy 1681 ACCTTCAAGGAGACCTTACGAGAGAAACCAAGATACCTTGGTCTTGAAGTGCAGTG 1740  
Db 3706 ACCTTCAAGGAGACCTTACGAGAGAAACCAAGATACCTTGGTCTTGAAGTGCAGTG 3765

Sequence 2, Application US/09811115  
Patient No. US20020035736A1  
GENERAL INFORMATION:  
APPLICANT: Erickson, Sharon  
APPLICANT: Erickson, Sharon  
APPLICANT: King, Kathleen  
TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL  
FILE REFERENCE: GENENT.034A  
CURRENT APPLICATION NUMBER: US/09/811,115  
PRIOR FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: 60/189,844  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 3768  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-811-115-2

Query Match 99.9%; Score 1738.4; DB 9; Length 3768;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 AAGGAGCGGCGAGCAAGAGATCCGAGATGACAGATGCGGAGACTGTGCAAGAAACGAG 60  
Db 2026 AAGGAGCGGCGAGCAAGAGATCCGAGATGACAGATGCGGAGACTGTGCAAGAAACGAG 2085  
Qy 61 CTGGTGAAGCGGCTGACACCTAGCGGAGCGATGCGCAACCGGGGCGAGATCGGATCGTG 120  
Db 2086 CTGGTGAAGCGGCTGACACCTAGCGGAGCGATGCGCAACCGGGGCGAGATCGGATCGTG 2145  
Qy 121 AAAGAGCGAGCTGAGAGAGTGAAGTGTGATCTGAGCTGCGCTTTTGGACAGACTTAC 180  
Db 2146 AAAGAGCGAGCTGAGAGAGTGAAGTGTGATCTGAGCTGCGCTTTTGGACAGACTTAC 2205  
Qy 181 AAGGCACTTGGATCCCTGATGAGGAGATGTGAATAATCCAGTGGCCATCAAGTGTG 240  
Db 2206 AAGGCACTTGGATCCCTGATGAGGAGATGTGAATAATCCAGTGGCCATCAAGTGTG 2265  
Qy 241 AAGGAAACACATCCCGCAAGGCAAGAAATCTTAGCGAAGATATGATGAGT 300  
Db 2266 AAGGAAACACATCCCGCAAGGCAAGAAATCTTAGCGAAGATATGATGAGT 2325  
Qy 301 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGCACTGCTGACATCCAGGTGCGAG 360  
Db 2326 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGCACTGCTGACATCCAGGTGCGAG 2385  
Qy 2386 CTGTTGACACAGCTTATGCTTATGCTGCTCTTAGACCATGTCCGGGAAACCGCGGA 2445  
Db 2445 CTGTTGACACAGCTTATGCTTATGCTGCTCTTAGACCATGTCCGGGAAACCGCGGA 2445  
Qy 421 CGCTGGGCTTCCAGAGACTGTGTGAATGTGTATGCAAGTTGCCAAGGGGATGAGTAC 480  
Db 481 CGCTGGGCTTCCAGAGACTGTGTGAATGTGTATGCAAGTTGCCAAGGGGATGAGTAC 480  
Qy 2446 CGCTGGGCTTCCAGAGACTGTGTGAATGTGTATGCAAGTTGCCAAGGGGATGAGTAC 2505  
Db 2505 CGCTGGGCTTCCAGAGACTGTGTGAATGTGTATGCAAGTTGCCAAGGGGATGAGTAC 2505  
Qy 481 CTGAGAGATGAGCGGCTGTGACAGAGGAACTTGGCCGCTGGAACTGTGTAAGAGT 2565  
Db 2506 CTGAGAGATGAGCGGCTGTGACAGAGGAACTTGGCCGCTGGAACTGTGTAAGAGT 2565  
Qy 541 CCAACCATGTCAAAATTAACAGCTTGGGCTGAGCTGAGCTGACATTTGAGAGACA 600  
Db 2566 CCAACCATGTCAAAATTAACAGCTTGGGCTGAGCTGAGCTGAGCTGACATTTGAGAGACA 2625  
Qy 601 GAGTACCATGAGATGGGGGCAAGGTGCTCAAGTGAATGGGCTGGAGTCCATTTC 660  
Db 2626 GAGTACCATGAGATGGGGGCAAGGTGCTCAAGTGAATGGGCTGGAGTCCATTTC 2685  
Qy 661 CGCCGGGGGTTCAACCAACAGAGTATGTGTGAGATTATGTTGATGATGTTGAGAGCTG 720  
Db 2686 CGCCGGGGGTTCAACCAACAGAGTATGTGTGAGATTATGTTGATGATGTTGAGAGCTG 2745  
Qy 721 ATGACTTTTGGGGGCAAACTTACGATGGATCCAGCCGGAGATCCCTGACTGTG 780

Db 2746 ATGACTTTTGGGGCCAAACCTTACGATGGATCCCAAGCCCGGAGATCCCTGACCTGCTG 2805  
Qy 781 GAAAGGGGGAGGGCTGCCCCCAAGCCCATCTGACCACTTATGTCATGATCATG 840  
Db 2806 GAAAGGGGGAGGGCTGCCCCCAAGCCCATCTGACCACTTATGTCATGATCATG 2865  
Qy 841 GTCAAAATGTTGATGATGATCTGTAATGTGCGCAAGATTCGGGAGTTGTGTCTGAA 900  
Db 2866 GTCAAAATGTTGATGATGATCTGTAATGTGCGCAAGATTCGGGAGTTGTGTCTGAA 2925  
Qy 901 TTCTCCCGCATGCGCCAGGAGCCCCCAGCCGTTTGTGTCTATCCAGATGAGACTTGGGC 960  
Db 2926 TTCTCCCGCATGCGCCAGGAGCCCCCAGCCGTTTGTGTCTATCCAGATGAGACTTGGGC 2985  
Qy 961 CCAGCCAGTCCCTTGGACAGCACCTTACCGCTCACTGCTGGAGAGAGATGACATGAGG 1020  
Db 2986 CCAGCCAGTCCCTTGGACAGCACCTTACCGCTCACTGCTGGAGAGAGATGACATGAGG 3045  
Qy 1021 GACCTGGTGGATGCTGAGAGATCTGTAATCCCGAGAGGGCTTCTTCTGTCCAGACCT 1080  
Db 3046 GACCTGGTGGATGCTGAGAGATCTGTAATCCCGAGAGGGCTTCTTCTGTCCAGACCT 3105  
Qy 1081 GCCCCGGGCGCTGGGGGCAATGTCACACAGAGGACCGCAGCTCATCTACAGAGATGCG 1140  
Db 3106 GCCCCGGGCGCTGGGGGCAATGTCACACAGAGGACCGCAGCTCATCTACAGAGATGCG 3165  
Qy 1141 GGTGGGAGCTGACATGAGAGGCTGAGAGCCCTGAAAGAGAGGGCCCCAGAGTCTCACTG 1200  
Db 3166 GGTGGGAGCTGACATGAGAGGCTGAGAGCCCTGAAAGAGAGGGCCCCAGAGTCTCACTG 3225  
Qy 1201 GCAACCTCCGAGAGGGCTGCTCGATGTATTGTAGTGTGACCTGGAAATGGGGGACGCC 1260  
Db 3226 GCAACCTCCGAGAGGGCTGCTCGATGTATTGTAGTGTGACCTGGAAATGGGGGACGCC 3285  
Qy 1261 AAGGGGCTGGAAGCTTCCCAACATGACATGACCCAGCCCTTACAGCGGTACAGTGAAGAC 1320  
Db 3286 AAGGGGCTGGAAGCTTCCCAACATGACATGACCCAGCCCTTACAGCGGTACAGTGAAGAC 3345  
Qy 1321 CCCACGATACCCCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAG 1380  
Db 3346 CCCACGATACCCCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAGAGCTGAG 3405  
Qy 1381 CAGCCTGAATATGTGAACCAAGCATGTTCGGCCCAAGCCCTTGCCTCCAGAGAGGC 1440  
Db 3406 CAGCCTGAATATGTGAACCAAGCATGTTCGGCCCAAGCCCTTGCCTCCAGAGAGGC 3465  
Qy 1441 CCTCTGCTGCTGCGGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3466 CCTCTGCTGCTGCGGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3525  
Qy 1501 GGGAGAGATGGGGTCTGCAAGAGCTTTTGGCTTTGGGGGGTGGCGAGAGAACCCCGAG 1560  
Db 3526 GGGAGAGATGGGGTCTGCAAGAGCTTTTGGCTTTGGGGGGTGGCGAGAGAACCCCGAG 3585  
Qy 1561 TACTTGAACCCCAAGGAGAGAGTGCCTCAGCCCAAGCCCTCTCTGCTTCAAGCCCA 1620  
Db 3586 TACTTGAACCCCAAGGAGAGAGTGCCTCAGCCCAAGCCCTCTCTGCTTCAAGCCCA 3645  
Qy 1621 GCTTGGACACCTCTATTACTGGGACCAAGACCCCAAGCGGGGGGCTCCACCCAGC 1680  
Db 3646 GCTTGGACACCTCTATTACTGGGACCAAGACCCCAAGCGGGGGGCTCCACCCAGC 3705  
Qy 1681 ACCCTTCAAGGAGACCTTACGAGAGAACCCAGAGTACCTGGGTCTGGAGCTGCGAGTG 1740  
Db 3706 ACCCTTCAAGGAGACCTTACGAGAGAACCCAGAGTACCTGGGTCTGGAGCTGCGAGTG 3765

RESULT 17

US-09-984-092-3

; Sequence 3, Application US/09984092

; Publication No. US20040037840A1

; GENERAL INFORMATION:

; APPLICANT: Pharmexa A/S  
; TITLE OF INVENTION: NOVEL THERAPEUTIC VACCINE FORMULATIONS  
; FILE REFERENCE: P1011PC00  
; CURRENT APPLICATION NUMBER: US/09/984,092  
; CURRENT FILING DATE: 2001-10-26  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 3768  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1) .. (3768)  
; US-09-984-092-3

Query Match 99.9%; Score 1738.4; DB 11; Length 3768;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 AACGCAACGAGAGAGAGATCCGAAATACACGATGCGAGACTGTGACAGAAACGAG 60  
Db 2026 AAGCGACGAGAGAGAGATCCGAAATACACGATGCGAGACTGTGACAGAAACGAG 2085  
Qy 61 CTGGTGAAGCCGCTGACACTTACCGAGAGATGCCCAACGAGCGAGATGCCATCTG 120  
Db 2086 CTGGTGAAGCCGCTGACACTTACCGAGAGATGCCCAACGAGCGAGATGCCATCTG 2145  
Qy 121 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGAATCTGGAGCTTTGGACAGTCTAC 180  
Db 2146 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGAATCTGGAGCTTTGGACAGTCTAC 2205  
Qy 181 AAGGGCATCTGATCCCTGATGGGAGAGATGTGAATTCAGTGGCATCAAGTGTG 240  
Db 2206 AAGGGCATCTGATCCCTGATGGGAGAGATGTGAATTCAGTGGCATCAAGTGTG 2265  
Qy 241 AAGGAAACACATCCCAAGCCCAACAAAGAAATCTTAACAGAGCATACGTATGCT 300  
Db 2266 AAGGAAACACATCCCAAGCCCAACAAAGAAATCTTAACAGAGCATACGTATGCT 2325  
Qy 301 GGTGTGGGCTCCCATATGTCCTCGCTCTGGGCACTGCGCTGACATCAAGTGCAG 360  
Db 2326 GGTGTGGGCTCCCATATGTCCTCGCTCTGGGCACTGCGCTGACATCAAGTGCAG 2385  
Qy 361 CTGGTGAACAGCTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420  
Db 2386 CTGGTGAACAGCTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2445  
Qy 421 CGCTGGGCTCCAGAGCTGCTGAATGCTGTATGCAATTCGAAGGGATGAGCTAC 480  
Db 2446 CGCTGGGCTCCAGAGCTGCTGAATGCTGTATGCAATTCGAAGGGATGAGCTAC 2505  
Qy 481 CTGAGAGATGGGGCTCGTACACAGGACTTGGCCGCTGGAAACGTCGTCAAGT 540  
Db 2506 CTGAGAGATGGGGCTCGTACACAGGACTTGGCCGCTGGAAACGTCGTCAAGT 2565  
Qy 541 CCCAACATGTCAAAATTAAGACTTTCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600  
Db 2566 CCCAACATGTCAAAATTAAGACTTTCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2625  
Qy 601 GAGTACCATGAGATGGGGGCAAGGTGCCATCAAGTGAATGAGTGGCTGAGTCCATTCTC 660  
Db 2626 GAGTACCATGAGATGGGGGCAAGGTGCCATCAAGTGAATGAGTGGCTGAGTCCATTCTC 2685  
Qy 661 GCGCGGCTTACCCACAGAGTGAATGTGAGTGAATATGCTGATCTGTGTGGAGCTG 720  
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Qy 721 ATGACTTTTGGGGCAAACTTACGATGGATCCCAAGCCCGGAGATCCCTGACCTGCTG 780  
Db 2746 ATGACTTTTGGGGCAAACTTACGATGGATCCCAAGCCCGGAGATCCCTGACCTGCTG 2805  
Qy 781 GAAAGGGGAGGGCTGCCCAAGCCCAATCTGACCACTGATGTCTACATGATCATG 840

Db	2806	GAAAGGGGGGCGGCGTCCCGAGCCCCCATCTGCACATTGATGTCTACATGATCATGT	2865
Qy	841	GTCAAATTTTGGATGATGTACTCTGTGAATGTGGGCCAAGATTTCGGGAGTTGGTGTCTGAA	900
Db	2866	GTCAAATTTTGGATGATGTACTCTGTGAATGTGGGCCAAGATTTCGGGAGTTGGTGTCTGAA	2929
Qy	901	TTCTCCCGCATGGCCAGGGACCCCCAGCGCTTTGTGGTCAATCCAGAAATGAGAGACTTTGGCC	960
Db	2926	TTCTCCCGCATGGCCAGGGACCCCCAGCGCTTTGTGGTCAATCCAGAAATGAGAGACTTTGGCC	2985
Qy	961	CCAGCCAGTCCCTTGGACAGACACTTCTACCGCTCACTCTGTGAGAGAGATGACATGAGG	1020
Db	2986	CCAGCCAGTCCCTTGGACAGACACTTCTACCGCTCACTCTGTGAGAGAGATGACATGAGG	3045
Qy	1021	GACCTGTGTGATGTCTGAGGAGATATCTGTATACCCAGAGGGCTTCTTGTGTCCAGACCTT	1088
Db	3046	GACCTGTGTGATGTCTGAGGAGATATCTGTATACCCAGAGGGCTTCTTGTGTCCAGACCTT	3105
Qy	1081	GCCCCGGGCGCTGGGGGGGATGATGTCCACACAGGACCGGACACTCATCTTACAGAGAGTGGC	1148
Db	3106	GCCCCGGGCGCTGGGGGGGATGATGTCCACACAGGACCGGACACTCATCTTACAGAGAGTGGC	3165
Qy	1141	GGTGGGGACCTGACACTAGGCGCTGGAGGCGCTCTGAGAGAGAGGCCCCAGGCTTTCACATG	1200
Db	3166	GGTGGGGACCTGACACTAGGCGCTGGAGGCGCTCTGAGAGAGAGGCCCCAGGCTTTCACATG	3225
Qy	1201	GCACCCCTCCGAGGGGGCTGGCTCCGATGTAATTTGATGCTGTGACCTGTGGGATGGGGGCAAGC	1266
Db	3226	GCACCCCTCCGAGGGGGCTGGCTCCGATGTAATTTGATGCTGTGACCTGTGGGATGGGGGCAAGC	3285
Qy	1261	AAGGGGCTGCAGAAAGCCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC	1320
Db	3286	AAGGGGCTGCAGAAAGCCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC	3345
Qy	1321	CCCAACAGTACCCCTGGCCCTCTGTGAGACTGATGGTACGTTGGCCCCCTGACCTGCAAGCCCC	1380
Db	3346	CCCAACAGTACCCCTGGCCCTCTGTGAGACTGATGGTACGTTGGCCCCCTGACCTGCAAGCCCC	3405
Qy	1381	CAGCCTGATATGTGAAACCAAGCCAGATGTTGGGCCCAAGCCCCCTTGGCCCCCGAGAGAGGGC	1440
Db	3406	CAGCCTGATATGTGAAACCAAGCCAGATGTTGGGCCCAAGCCCCCTTGGCCCCCGAGAGAGGGC	3465
Qy	1441	CCTCTGCCTGTGCCCGACCTGTGTGTGCACTCTGAGAAAGGCCAAGACTTCTTCCCCA	1500
Db	3466	CCTCTGCCTGTGCCCGACCTGTGTGTGCACTCTGAGAAAGGCCAAGACTTCTTCCCCA	3525
Qy	1501	GGGAAAGATGGGGTGTCTCAAGAGCTTTTGGCTTTGGGGGTGCCGTGTGAAGATCCCGAG	1560
Db	3526	GGGAAAGATGGGGTGTCTCAAGAGCTTTTGGCTTTGGGGGTGCCGTGTGAAGATCCCGAG	3585
Qy	1561	TACTTGAACACCCAGGGAGAGCTGCCCTGAGCCCAACCTGCTCCGCTGCTGAGGCCA	1620
Db	3586	TACTTGAACACCCAGGGAGAGCTGCCCTGAGCCCAACCTGCTCCGCTGCTGAGGCCA	3645
Qy	1621	GCTTTGACAACTCTATTACTGTGGAGCCAGAGCCACCAAGACGGAGGGGCTTCAACCCAGC	1680
Db	3646	GCTTTGACAACTCTATTACTGTGGAGCCAGAGCCACCAAGAGGGGGGCTTCAACCCAGC	3705
Qy	1681	ACCTTCAAAAGGAGACCTTACGGGAGAGAAACCAAGATCTGTGGGTCTGTGAACGTGCCAGTG	1740
Db	3706	ACCTTCAAAAGGAGACCTTACGGGAGAGAAACCAAGATCTGTGGGTCTGTGAACGTGCCAGTG	3765

RESULT 18  
 US-10-280-576-3  
 : Sequence 3, Application US/10280576  
 : Publication No. US20040044405A1  
 : GENERAL INFORMATION:  
 : APPLICANT: Wolfe, Matthew R.  
 : TITLE OF INVENTION: VASCULAR STENT OR GRAFT COATED OR IMPREGNATED WITH PROTEIN  
 : FILE REFERENCE: 09620,189  
 : CURRENT APPLICATION NUMBER: US/10/280,576

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; CURRENT FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/343,732
; PRIOR FILING DATE: 2001-10-25
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 3
; LENGTH: 3768
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-280-576--3

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Query Match	99.9%;	Score 1738.4;	DB 16;	Length 3768;
Best Local Similarity	99.9%;	Pred. No. 0;		
Matches 1739;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;
QY	1	AAGCAGCGCAGCAGAAAGATCCGGAGTACACGATGCGGAGACTGCTGCAGAAACGGAG	60	
DB	2026	AAGGACGGGACGAGAAAGATCCGGAGTACACGATGCGGAGACTGCTGCAGAAACGGAG	2085	
QY	61	CTGGTGGAGCGCGCTGACCACTAGGGGAGGATGCGCAACAGGGCGCAGATGCGGATCTG	120	
DB	2086	CTGGTGGAGCGCGCTGACCACTAGGGGAGGATGCGCAACAGGGCGCAGATGCGGATCTG	2145	
QY	121	AAAGAGCGAGGCTGAGGAAGTGAAGGTGCTTGATCTGGCGCTTTTGGCACAGTTAC	180	
DB	2146	AAAGAGCGAGGCTGAGGAAGTGAAGGTGCTTGATCTGGCGCTTTTGGCACAGTTAC	2205	
QY	181	AAGGGCATCTGGATCCCTGATGGGGAGATGTGAAAAATCCAGTGGCCATCAAAAGTTG	240	
DB	2206	AAGGGCATCTGGATCCCTGATGGGGAGAAAGTGAATAATCCAGTGGCCATCAAAAGTTG	2265	
QY	241	AGGGAAAAACAATCCCCCAAGGCAACAAGAAATCTTACAGGAGCATACGTATGAGCT	300	
DB	2266	AGGGAAAAACAATCCCCCAAGGCAACAAGAAATCTTACAGGAGCATACGTATGAGCT	2325	
QY	301	GGTGTGGGCTCCCCATATGTCTCCCGCTTTCTGGGACATCTGCTGACATCAGCGTGAC	360	
DB	2326	GGTGTGGGCTCCCCATATGTCTCCCGCTTTCTGGGAGCATCTGCTGACATCAGCGTGAC	2385	
QY	361	CTGGTGCACACGCTTATGCGCTTATGGCTGCTCTTACACATGTCCGGGAAAAACCGCGGA	420	
DB	2386	CTGGTGCACACGCTTATGCGCTTATGGCTGCTCTTACACATGTCCGGGAAAAACCGCGGA	2445	
QY	421	CGCCTGGGCTCCCAAGACCTGCTGAATCTGTGTATGACGATTTGGCAAGGGAGTAGCTAC	480	
DB	2446	CGCCTGGGCTCCCAAGACCTGCTGAATCTGTGTATGACGATTTGGCAAGGGAGTAGCTAC	2505	
QY	481	CTGGAGGATGTGCGGCTCGTACACAGGACCTTGGCGGCTCGGAACTGTGCTCAAGAGT	540	
DB	2506	CTGGAGGATGTGCGGCTCGTACACAGGACCTTGGCGGCTCGGAACTGTGCTCAAGAGT	2565	
QY	541	CCCAACCATCTCAAAAATTACAGACTTGGGGCTGGCTGGCTGCGATTTAGACGAGACA	600	
DB	2566	CCCAACCATCTCAAAAATTACAGACTTGGGGCTGGCTGGCTGCGATTTAGACGAGACA	2625	
QY	601	GAGTACCATCAGATGGGGGCAAGGTGCCCATGAAGTGAATGGCGCTGAGAGTCCATTCTC	660	
DB	2626	GAGTACCATCAGATGGGGGCAAGGTGCCCATGAAGTGAATGGCGCTGAGAGTCCATTCTC	2685	
QY	661	CGCGCGCGGTTCAACCCACAGAGTATGTGTGAGATTATGTGTGACTGTGTGGAGCTG	720	
DB	2686	CGCGCGCGGTTCAACCCACAGAGTATGTGTGAGATTATGTGTGACTGTGTGGAGCTG	2745	
QY	721	ATGACTTTTGGGGCAAACTTACGATGGGATCCCAAGCCGGGAGAGATCCCTGACCTGCTG	780	
DB	2746	ATGACTTTTGGGGCAAACTTACGATGGGATCCCAAGCCGGGAGAGATCCCTGACCTGCTG	2805	
QY	781	GAAGAGGGGAGCGGCTGCCCAAGCCGCCCATCTGACCAATTGATGTCTACATGATCATG	840	
DB	2806	GAAGAGGGGAGCGGCTGCCCAAGCCGCCCATCTGACCAATTGATGTCTACATGATCATG	2865	
QY	841	GTCAAATGTTGATGATTGACTCTGAATGTGCGCCAAAGATTCCGGAGTTGGTGTCTGAA	900	

Db 2866 GTCAATGTTGATGATGTAAGTCTGTGAATGTGCGCCAAAGATTCGCGAGATTTGTGTCGTGA 2925  
Qy 901 TTCTCCCGCATGCGCAGGAGACCCCGAGCGCTTTGTGTGTCATCCAGATGAGACCTTGGGC 960  
Db 2926 TTCTCCCGCATGCGCAGGAGACCCCGAGCGCTTTGTGTGTCATCCAGATGAGACCTTGGGC 2985  
Qy 961 CCAGCGAGTCCCTTGAACAGACCTTTCTACCGCTCACTGTGTGAGAGACATGAGG 1020  
Db 2986 CCAGCGAGTCCCTTGAACAGACCTTTCTACCGCTCACTGTGTGAGAGACATGAGG 3045  
Qy 1021 GACCTGTGTGATGCTGAGGAGATCTGTGATCCCGAGAGGGCTTTCTGTGTCAAGCCCT 1080  
Db 3046 GACCTGTGTGATGCTGAGGAGATCTGTGATCCCGAGAGGGCTTTCTGTGTCAAGCCCT 3105  
Qy 1081 GCGCCGCGGCTGTGGGGGCTGTGTCACCAAGAGACCGAGCTCATCTACAGAGTGGC 1140  
Db 3106 GCGCCGCGGCTGTGGGGGCTGTGTCACCAAGAGACCGAGCTCATCTACAGAGTGGC 3165  
Qy 1141 GGTGGGGACCTGACACTAGAGGCTGTGAAGCCCTCTGAAGAGAGGCCCCCGAGTCTCACTG 1200  
Db 3166 GGTGGGGACCTGACACTAGAGGCTGTGAAGCCCTCTGAAGAGAGGCCCCCGAGTCTCACTG 3225  
Qy 1201 GCACCCCTCGAAGGGGCTGTGCTCCGATGTATTTGATGTGACCTGTGGAAATGGGGAGAGCC 1260  
Db 3226 GCACCCCTCGAAGGGGCTGTGCTCCGATGTATTTGATGTGACCTGTGGAAATGGGGAGAGCC 3285  
Qy 1261 AAGGGGCTGCAAAAGCTCCCAACATGACCCCAAGCCCTCTACAGGGGCTACAGTGAAGAC 1320  
Db 3286 AAGGGGCTGCAAAAGCTCCCAACATGACCCCAAGCCCTCTACAGGGGCTACAGTGAAGAC 3345  
Qy 1321 CCCACAGTACCCCTGCTCTGTAGACTGATGTGCTAGCTTGTCCCTGTACCTGTGACGCCCC 1380  
Db 3346 CCCACAGTACCCCTGCTCTGTAGACTGATGTGCTAGCTTGTCCCTGTACCTGTGACGCCCC 3405  
Qy 1381 CAGCCTGATATGTGTAACCAAGCAGATGTTGCGGCCCGAGCCCTTGTGCGCCCGAGAGGGC 1440  
Db 3406 CAGCCTGATATGTGTAACCAAGCAGATGTTGCGGCCCGAGCCCTTGTGCGCCCGAGAGGGC 3465  
Qy 1441 CCTGTGCTGTGCGCGACCTGTGTGTGCACTGTGTGAAGAGCCCAAGACTCTCTCCCA 1500  
Db 3466 CCTGTGCTGTGCGCGACCTGTGTGTGCACTGTGTGAAGAGCCCAAGACTCTCTCCCA 3525  
Qy 1501 GGGAGAAATGGGGTGTCAAGAAGCTTTTGTGGGGGTGCGGTGAGAAACCCCGAG 1560  
Db 3526 GGGAGAAATGGGGTGTCAAGAAGCTTTTGTGGGGGTGCGGTGAGAAACCCCGAG 3585  
Qy 1561 TACTTGACACCCCGAGAGAGAGTGTGCGCTCAAGCCCAACCTTCTGCTTCAAGCCCA 1620  
Db 3586 TACTTGACACCCCGAGAGAGAGTGTGCGCTCAAGCCCAACCTTCTGCTTCAAGCCCA 3645  
Qy 1621 GCCTTGACAACTCTATTACTGTGGACCAAGACCCCAAGAGCGGGGGCTCCACCAGC 1680  
Db 3646 GCCTTGACAACTCTATTACTGTGGACCAAGACCCCAAGAGCGGGGGCTCCACCAGC 3705  
Qy 1681 ACCTTCAAAAGGACACTTACGCGAGAGAAACCAAGATCCTGTGGTCTGACGTGCCAGTG 1740  
Db 3706 ACCTTCAAAAGGACACTTACGCGAGAGAAACCAAGATCCTGTGGTCTGACGTGCCAGTG 3765

RESULT 19

US-10-441-779C-3

; Sequence 3, Application US/10441779C

; Publication No. US20040141958A1

; GENERAL INFORMATION:

; APPLICANT: Steinaa, Lucilla

; APPLICANT: Moutilsen, Soren

; APPLICANT: Gautam, Anand

; APPLICANT: Haanting, Jesper

; APPLICANT: Dalum, Iben

; APPLICANT: Birk, Peter

; APPLICANT: Leach, Dana

; APPLICANT: Nielsen, Klaus

; APPLICANT: Karlsson, Gunilla

; TITLE OF INVENTION: NOVEL METHODS FOR THERAPEUTIC VACCINATION  
; FILE REFERENCE: 4614-0116P  
; CURRENT APPLICATION NUMBER: US/10/441,779C  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: 09/413,186  
; PRIOR FILING DATE: 1998-10-05  
; PRIOR APPLICATION NUMBER: 60/105,011  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: PA 1998 01261  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 3768  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(3768)  
; OTHER INFORMATION:  
; US-10-441-779C-3

Query Match 99.9%; Score 1738.4; DB 17; Length 3768;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1 AAGCAGCGCAGCAGAAAGATCCGAAAGTACAGATGCGGAGACTGTGCGAGAAACGAG 60  
Db 2026 AAGCAGCGCAGCAGAAAGATCCGAAAGTACAGATGCGGAGACTGTGCGAGAAACGAG 2085  
Qy 61 CTGTGTGAGACCGCTGACACCTTACGCGAGGATGCCCAACAGCCGACATGCGGATCTTG 120  
Db 2086 CTGTGTGAGACCGCTGACACCTTACGCGAGGATGCCCAACAGCCGACATGCGGATCTTG 2145  
Qy 121 AAAGAGACGAGCTGAGAGAGGTGAAGGTCTGTGATCTGGGCTTTTGGCAAGCTAC 180  
Db 2146 AAAGAGACGAGCTGAGAGAGGTGAAGGTCTGTGATCTGGGCTTTTGGCAAGCTAC 2205  
Qy 181 AAGGCAATCTGATCCCTGATGAGGAGATGTGAATTCACAGTGGCCATCAAGTGTG 240  
Db 2206 AAGGCAATCTGATCCCTGATGAGGAGATGTGAATTCACAGTGGCCATCAAGTGTG 2265  
Qy 241 AAGGAAACACATCCCGCAAGACCAACAAAGAAATTTAGAGAGCATTCTGATGCT 300  
Db 2266 AAGGAAACACATCCCGCAAGACCAACAAAGAAATTTAGAGAGCATTCTGATGCT 2325  
Qy 301 GGTGTGGGTCCCGCATATGTCTCCGCGCTTCTGGGATGTGCTGACATCCAGGTGCGAG 360  
Db 2326 GGTGTGGGTCCCGCATATGTCTCCGCGCTTCTGGGATGTGCTGACATCCAGGTGCGAG 2385  
Qy 361 CTGTGTGACACAGCTTATGCTTATGAGCTGCTCTTATGACATGTCCGGGAAAAACGCGGA 420  
Db 2386 CTGTGTGACACAGCTTATGCTTATGAGCTGCTCTTATGACATGTCCGGGAAAAACGCGGA 2445  
Qy 421 GCCTGTGGGTCCAGAGACTGTGTAACTGTGTATGACATTTGCCAAGGGATGAGCTAC 480  
Db 2446 GCCTGTGGGTCCAGAGACTGTGTAACTGTGTATGACATTTGCCAAGGGATGAGCTAC 2505  
Qy 481 CTGTGTGAGATGCGGTGTGTACAGAGGACTTGGCGCTCGGAAAGTGTGCTGATCAAGAT 540  
Db 2506 CTGTGTGAGATGCGGTGTGTACAGAGGACTTGGCGCTCGGAAAGTGTGCTGATCAAGAT 2565  
Qy 541 CCCAACATGTCAAAATTTACAGACTTGTGGGTGCTGCTGCTGTGACATTTGACAGAGA 600  
Db 2566 CCCAACATGTCAAAATTTACAGACTTGTGGGTGCTGCTGCTGTGACATTTGACAGAGA 2625  
Qy 601 GAGTACCATGACATGAGGGGCAAGGTGCCCATCAAGTGTGAGCGCTGTGATGCTATTCTC 660  
Db 2626 GAGTACCATGACATGAGGGGCAAGGTGCCCATCAAGTGTGAGCGCTGTGATGCTATTCTC 2685  
Qy 661 CGCGCGCGGTTCACCAACAGAGTATGTGTGAGTTATGTGTGACTGTGTGGAGCTG 720  
Db 2686 CGCGCGCGGTTCACCAACAGAGTATGTGTGAGTTATGTGTGACTGTGTGGAGCTG 2745



Oy	721	ATGACTTTGGGGCCAAACCTTAGATGGAGTCCAGGCCGGGAGATCCCTGACCTGCTG	780
Db	2746	ATGACTTTGGGGCCAAACCTTAGATGGAGTCCAGGCCGGGAGATCCCTGACCTGCTG	2805
Oy	781	GAAGAGGGGAGCGGCTGCCCCAGCCCCCCTGTCACCAATTGATGTCTACATGATCATG	840
Db	2806	GAAGAGGGGAGCGGCTGCCCCAGCCCCCCTGTCACCAATTGATGTCTACATGATCATG	2865
Oy	841	GTCAATTTTGATGATGATGACTCTGTAATGTGGCCAGATTTCCGGAGTTGGTGTCTGA	900
Db	2866	GTCAATTTTGATGATGATGACTCTGTAATGTGGCCAGATTTCCGGAGTTGGTGTCTGA	2925
Oy	901	TTCTCCCGCAGTGGCCAGGGACCCCGAGGCTTTGTGTATTCAGAAATGAGGACTTGGGC	960
Db	2926	TTCTCCCGCAGTGGCCAGGGACCCCGAGGCTTTGTGTATTCAGAAATGAGGACTTGGGC	2985
Oy	961	CCAGCAGTCCCTTGGACAGACCTTACCGCTCACTGTGAGGAGCATGACATGAGG	1020
Db	2986	CCAGCAGTCCCTTGGACAGACCTTACCGCTCACTGTGAGGAGCATGACATGAGG	3045
Oy	1021	GACCTGTGTGATGCTGAGAGATCTGTGTACCCCGAGGGCTTCTTGTCTCAGACCT	1080
Db	3046	GACCTGTGTGATGCTGAGAGATCTGTGTACCCCGAGGGCTTCTTGTCTCAGACCT	3105
Oy	1081	GCCCCGGGCGTGGGGGCGATGGTCCACACAGGACCCGAGCTCATCTACAGAGTGGC	1140
Db	3106	GCCCCGGGCGTGGGGGCGATGGTCCACACAGGACCCGAGCTCATCTACAGAGTGGC	3165
Oy	1141	GGTGGGGGACTGACACTGAGGGCTGGAGGCTCTGTAAGAGAGGGCCCCAGGCTTCACATG	1200
Db	3166	GGTGGGGGACTGACACTGAGGGCTGGAGGCTCTGTAAGAGAGGGCCCCAGGCTTCACATG	3225
Oy	1201	GCACCTTCGGAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTTGGGAATGGGGCAGCC	1260
Db	3226	GCACCTTCGGAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTTGGGAATGGGGCAGCC	3285
Oy	1261	AAAGGGCTGCAAAAGCTTCCCAACATGACCCAGCCTCTACAGCGGTACAGTGAAGAC	1320
Db	3286	AAAGGGCTGCAAAAGCTTCCCAACATGACCCAGCCTCTACAGCGGTACAGTGAAGAC	3345
Oy	1321	CCCAACAGTACCCCTGCGCCTCTGAGCTGTATGGTCTACGTTTGGCCCCCTGACCTGCAAGCCCC	1380
Db	3346	CCCAACAGTACCCCTGCGCCTCTGAGCTGTATGGTCTACGTTTGGCCCCCTGACCTGCAAGCCCC	3405
Oy	1381	CAGCCTGATATGTGTGAACCAAGCAGATGTTGCGGCCAGCCCCCTTCCGCCCCGAGAAGGAC	1440
Db	3406	CAGCCTGATATGTGTGAACCAAGCAGATGTTGCGGCCAGCCCCCTTCCGCCCCGAGAAGGAC	3465
Oy	1441	CTCTGCTGCTGCTGCCGACCTGTGTGTGCACTGTGAAAGGCCCCAAGACTTCTTCCCA	1500
Db	3466	CTCTGCTGCTGCTGCCGACCTGTGTGTGCACTGTGAAAGGCCCCAAGACTTCTTCCCA	3525
Oy	1501	GGGAAGATGGGGTGTCTCAAGAGCTTTTGGCTTTGGGGGTGTGCTGTGAGAAACCCCGAG	1560
Db	3526	GGGAAGATGGGGTGTCTCAAGAGCTTTTGGCTTTGGGGGTGTGCTGTGAGAAACCCCGAG	3585
Oy	1561	TACTTTGACACCCCAAGGAGAGCTGCGCCTCAGCCCCACCTCTCCTGCTTCAAGCCCA	1620
Db	3586	TACTTTGACACCCCAAGGAGAGCTGCGCCTCAGCCCCACCTCTCCTGCTTCAAGCCCA	3645
Oy	1621	GCTTTGCAACCTCTATTTACTTGTGGGACCAAGACCCACAGAGCGGGGGGCTTCAACCCAGC	1680
Db	3646	GCTTTGCAACCTCTATTTACTTGTGGGACCAAGACCCACAGAGCGGGGGGCTTCAACCCAGC	3705
Oy	1681	ACCTTTCAAAAGGGAACCTTACGGCAGAGAAACCAAGATCTCTGGGTCTTGAAGTGCAGTG	1740
Db	3706	ACCTTTCAAAAGGGAACCTTACGGCAGAGAAACCAAGATCTCTGGGTCTTGAAGTGCAGTG	3765

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: Publication No. US20040175703A1
: GENERAL INFORMATION:
: APPLICANT: Kreutzler, Roland
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
: FILE REFERENCE: 20200/2002
: CURRENT APPLICATION NUMBER: US/10/384,339C
: CURRENT FILING DATE: 2003-03-07
: PRIOR APPLICATION NUMBER: PCT/EP02/00152
: PRIOR FILING DATE: 2002-01-09
: PRIOR APPLICATION NUMBER: DE 10100586.5
: PRIOR FILING DATE: 2001-01-09
: PRIOR APPLICATION NUMBER: DE 10155280.7
: PRIOR FILING DATE: 2001-10-26
: PRIOR APPLICATION NUMBER: DE 10158411.3
: PRIOR FILING DATE: 2001-11-29
: PRIOR APPLICATION NUMBER: DE 10160151.4
: PRIOR FILING DATE: 2001-12-07
: NUMBER OF SEQ ID NOS: 173
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 52
: LENGTH: 3768
: TYPE: DNA
: ORGANISM: Homo sapiens
: PUBLICATION INFORMATION:
: TITLE: ERBB2
: PATENT DOCUMENT NUMBER: NM004448
: US-10-384-339C-52

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Query Match	99.9%	Score 1738.4	DB 17	Length 3768
Similarity	99.9%	Pred. No. 0		
Best Local	0	Mismatches	1	Indels
Matches 1739	Conservative	0	Gaps	0
Qy	1	AAGCAGCGCAGCAGAAAGATCCGGAAAGTACACGATCGCGAGACTCTGTCAGAGAAACGGAG	60	
Db	2026	AAGCAGCGCAGCAGAGAGATCCGGAAAGTACACGATCGCGAGACTCTGTCAGAGAAACGGAG	2085	
Qy	61	CTGGTGGAGCCGCTGACACCTPAGGGGAGCCGATGCCCCAACGAGGGGAGATGCGATCTCGT	120	
Db	2086	CTGGTGGAGCCGCTGACACCTPAGGGGAGCCGATGCCCCAACGAGGGGAGATGCGATCTCGT	2145	
Qy	121	AAAGAGACGAGCTGAGGAAAGGTGTAAGGTGCTTGATCTGGACGCTTTTGGACAGCTTAC	180	
Db	2146	AAAGAGACGAGCTGAGGAAAGGTGTAAGGTGCTTGATCTGGACGCTTTTGGACAGCTTAC	2209	
Qy	181	AAGGCAATCTGGATCCCTGATGGGAGATGTGAAAAATTCAGTGGCCATCAAAGTTGTG	240	
Db	2206	AAGGCAATCTGGATCCCTGATGGGAGATGTGAAAAATTCAGTGGCCATCAAAGTTGTG	2265	
Qy	241	AGGGAACACATCCCTCCCAAGCCAAAGAAATCTTAAAGCAAGCATACGTATGGCT	300	
Db	2266	AGGGAACACATCCCTCCCAAGCCAAAGAAATCTTAAAGCAAGCATACGTATGGCT	2325	
Qy	301	GGTGTGGGCTCCCATATGTCTCCCGCCTTCTGGGCAATCTGCACTACCAAGGTGAG	360	
Db	2326	GGTGTGGGCTCCCATATGTCTCCCGCCTTCTGGGCAATCTGCACTACCAAGGTGAG	2385	
Qy	361	CTGGTGAACAAGCTTAAATGCCCTAATGAGGTGCTCTTAAACCATATGTCGGGAAAAACGCGGA	420	
Db	2386	CTGGTGAACAAGCTTAAATGCCCTAATGAGGTGCTCTTAAACCATATGTCGGGAAAAACGCGGA	2445	
Qy	421	CGCCTGGGCTCCACAGACCTGCTGAACTGGTGTATGCGATTTGCAAGAGGAGTAGCTAC	480	
Db	2446	CGCCTGGGCTCCACAGACCTGCTGAACTGGTGTATGCGATTTGCAAGAGGAGTAGCTAC	2505	
Qy	481	CTGAGAGATGTGCGGCTGTCACACAGGACCTTGGCCGCTCGGAACGTGCTGTCAAGGT	540	
Db	2506	CTGAGAGATGTGCGGCTGTCACACAGGACCTTGGCCGCTCGGAACGTGCTGTCAAGGT	2565	
Qy	541	CCCAACCATGTCAAAATTTACAGACTTGCGGCTGGCTCGAGCTGCGACATTGACGAGACA	600	
Db	2566	CCCAACCATGTCAAAATTTACAGACTTGCGGCTGGCTCGAGCTGCGACATTGACGAGACA	2625	
Qy	601	GAGTACCATGACAGTGGGGGCAAGGTGCCCATCAAGTGATGAGCGCTGAGATCCATTCTC	660	

Db	2626	GAGTACCATGCAAGATGGGGGCAAGTGGCCATCAAGTGAATGGGGCTGGAGTCCATTCTC	2685
QY	661	CGCCGGCGGTTACCCACAGAGTGAATGTGTGAATTAATGTGTGAATGTGTGGAGCTG	720
Db	2686	CGCCGGCGGTTACCCACAGAGTGAATGTGTGAATTAATGTGTGAATGTGTGGAGCTG	2745
QY	721	ATGACTTTTGGGGCCAAACTTTAAGATGGGATTCGAGCCGGGAGATTCCTGACTGCTG	780
Db	2746	ATGACTTTTGGGGCCAAACTTTAAGATGGGATTCGAGCCGGGAGATTCCTGACTGCTG	2805
QY	781	GAAGAAGGGAGCGGCTGCCAGCCCCCATCTGACCATTTGATGTCTACATGATCATG	840
Db	2806	GAAGAAGGGAGCGGCTGCCAGCCCCCATCTGACCATTTGATGTCTACATGATCATG	2865
QY	841	GTCAAAATGTTGATGATTTGACTCTGAATGTGGCCAAAGATTCGGAGATTGGTGTGA	900
Db	2866	GTCAAAATGTTGATGATTTGACTCTGAATGTGGCCAAAGATTCGGAGATTGGTGTGA	2925
QY	901	TTCTTCGCCCATGGCCAGGACCCCCAGGCTTTTGTGTGATTCACGAATAGAGACTTGGC	960
Db	2926	TTCTTCGCCCATGGCCAGGACCCCCAGGCTTTTGTGTGATTCACGAATAGAGACTTGGC	2985
QY	961	CCAGCAGATGCTCTTGGACAGCACTCTACCGCTCACTGCTGGAGAGACATGACATGGAG	1020
Db	2986	CCAGCAGATGCTCTTGGACAGCACTCTACCGCTCACTGCTGGAGAGACATGACATGGAG	3045
QY	1021	GACCTGTGTGATGCTGAGAGATATCTGTGTAACCCAGCAGGACTTTCTTGTCCAGACCTT	1080
Db	3046	GACCTGTGTGATGCTGAGAGATATCTGTGTAACCCAGCAGGACTTTCTTGTCCAGACCTT	3105
QY	1081	GCCCCGGGCGCTGGGGGATGTGTCCACACAGGCAACGACGCTACTTACAGAGATGGC	1140
Db	3106	GCCCCGGGCGCTGGGGGATGTGTCCACACAGGCAACGACGCTACTTACAGAGATGGC	3165
QY	1141	GGTGGGGACCTGACACTAGGGCTGGAGCCCTGAAGAAGAGAGGCCCCAGGCTCCACTG	1200
Db	3166	GGTGGGGACCTGACACTAGGGCTGGAGCCCTGAAGAAGAGAGGCCCCAGGCTCCACTG	3225
QY	1201	GCAACCTTCGAAGGGGCTGGCTGCCAGTATTTGATGTGTGACTTGGGAATGGGGAGAC	1260
Db	3226	GCAACCTTCGAAGGGGCTGGCTGCCAGTATTTGATGTGTGACTTGGGAATGGGGAGAC	3285
QY	1261	AAGGGGCTGCABAAGCTTCCCAACATGACCCAGCCTCTTACAGCGGTACATGAGGAC	1320
Db	3286	AAGGGGCTGCABAAGCTTCCCAACATGACCCAGCCTCTTACAGCGGTACATGAGGAC	3345
QY	1321	CCCAACAGTACCCCTGGCCCTTGAACATGATGGCTTACCTTGGCCCCCTGACCTTGCAC	1380
Db	3346	CCCAACAGTACCCCTGGCCCTTGAACATGATGGCTTACCTTGGCCCCCTGACCTTGCAC	3405
QY	1381	CAGCCTGATATGTGTAACAGACAGATGTTGGGCCCGAGCCCTTGCSCCCGAGAGGGC	1440
Db	3406	CAGCCTGATATGTGTAACAGACAGATGTTGGGCCCGAGCCCTTGCSCCCGAGAGGGC	3465
QY	1441	CCTGTGCTGCTGCCGACTGTGTGGTGCCACTGTGAAGAAGGCCCAAGACTTCTTCCCA	1500
Db	3466	CCTGTGCTGCTGCCGACTGTGTGGTGCCACTGTGAAGAAGGCCCAAGACTTCTTCCCA	3525
QY	1501	GGGAAGATGGGGTGTCAAGAAGCTTTTGTCTTTGGGGGTGCTGTGAAGAACCCGAG	1560
Db	3526	GGGAAGATGGGGTGTCAAGAAGCTTTTGTCTTTGGGGGTGCTGTGAAGAACCCGAG	3585
QY	1561	TACTTGAACACCCAGAGAGAGCTGCCCTGAGCCCAACCTCTCTGCTTCAAGCCCA	1620
Db	3586	TACTTGAACACCCAGAGAGAGCTGCCCTTCAAGCCCAACCTCTCTGCTTCAAGCCCA	3645
QY	1621	GCTTTCGACAACTCTATTACTGGAGCCAGAACCCACAGACCGGGGGCTTCAACCCAGC	1680
Db	3646	GCTTTCGACAACTCTATTACTGGAGCCAGAACCCACAGACCGGGGGCTTCAACCCAGC	3705
QY	1681	ACCTTCAAAAGGACACTTACGGCAGAGAACCCAGAGTACTTGGGTCTGGAAGTGCAGGTG	1740

Db	3706	ACCTTCAAAGGGACACCTTAACGCGCAGAAGAACCCAGAGATACCTGGGCTTGCAGCGTGCCACAGT	3765
		RESULT 21	
		US-09-877-177-11	
		; Sequence 11, Application US/0987177	
		; Publication No. US20020192652A1	
		GENERAL INFORMATION:	
		APPLICANT: Peter V. Danenberg et al.	
		TITLE OF INVENTION: Method of determining Epidermal Growth	
		TITLE OF INVENTION: Factor Receptor and HER2-New Gene Expression	
		FILE REFERENCE: 11220/120	
		CURRENT APPLICATION NUMBER: US/09/877,177	
		CURRENT FILING DATE: 2001-06-11	
		NUMBER OF SEQ ID NOS: 11	
		; SOFTWARE: FastSeq for Windows Version 4.0	
		SEQ ID NO 11	
		; LENGTH: 4530	
		TYPE: DNA	
		; ORGANISM: Homo sapiens	
		US-09-877-177-11	
		Query Match	99.9%; Score 1738.4; DB 9; Length 4530;
		Best Local Similarity	99.9%; Pred. No. 0;
		Matches 1739; Conservative	0; Mismatches 1; Indels 0; Gaps 0;
QY	1	AAGCGACGGCAGCAGAAAGATCCGGGAAGTACACGATGCCGAGACTGTCTGCAGAAAACGGAG	60
Db	2176	AAGCGACGGCAGCAGAAAGATCCGGGAAGTACACGATGCCGAGACTGTCTGCAGAAAACGGAG	2235
QY	61	CTGTGTGAGCCGCTGCAGCACCTTAGGGGAGCCATGCCCCAACGAGGGCAAGATCGATCCTG	120
Db	2236	CTGTGTGAGCCGCTGCAGCACCTTAGGGGAGCCATGCCCCAACGAGGGCAAGATCGATCCTG	2295
QY	121	AAAGAGACGAGACTGAGGAAGGTGAAGGTGCTTGATCTGGCGCTTTTGGCAGACTCTAC	180
Db	2236	AAAGAGACGAGACTGAGGAAGGTGAAGGTGCTTGATCTGGCGCTTTTGGCAGACTCTAC	2355
QY	181	AAGGCATCTTGATCTCTGATGGGAGATGTGAAAAATTCCAGTGGCCATCAANGTTTG	240
Db	2386	AAGGCATCTTGATCTCTGATGGGAGATGTGAAAAATTCCAGTGGCCATCAANGTTTG	2415
QY	241	AGGAAAAACAATCCCCCAAAGCCAACAABAANTCTTAGCGAAGCATAGTATGGCT	300
Db	2416	AGGAAAAACAATCCCCCAAAGCCAACAABAANTCTTAGCGAAGCATAGTATGGCT	2475
QY	301	GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGGGCACTCTCCCTGACATCCACGGTGCAG	360
Db	2476	GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGGGCACTCTCCCTGACATCCACGGTGCAG	2535
QY	361	CTGTGACACAGCTTATATGCCCTATGCTGCTCTTTCAGCATGTGTCGGAAAAACCGCGGA	420
Db	2536	CTGTGACACAGCTTATATGCCCTATGCTGCTCTTTCAGCATGTGTCGGAAAAACCGCGGA	2595
QY	421	CGCTCTGGGCTCCCAAGAACTGTCTGAACCTGTGTATGCAAGTTTGGCAAGGGATGAGCTAC	480
Db	2596	CGCTCTGGGCTCCCAAGAACTGTCTGAACCTGTGTATGCAAGTTTGGCAAGGGATGAGCTAC	2655
QY	481	CTGGAGATGTGCGGCTGCTGACACAGGAACTTTGGCGCTCGGAAAGTGTCTGTCAGAGT	540
Db	2656	CTGGAGATGTGCGGCTGCTGACACAGGAACTTTGGCGCTCGGAAAGTGTCTGTCAGAGT	2715
QY	541	CCCAACCATGTCCAAATAATTAACAGACTTCGGGCTGGCTCGGCTGTGCACTTTGACGAGCA	600
Db	2716	CCCAACCATGTCCAAATAATTAACAGACTTCGGGCTGGCTCGGCTGTGCACTTTGACGAGCA	2775
QY	601	GAGTACCATGCAAGTGGGGGCAAGGTGCCATCAAGTGAATGGGCTGTGAGTCCATTCTC	660
Db	2776	GAGTACCATGCAAGTGGGGGCAAGGTGCCATCAAGTGAATGGGCTGTGAGTCCATTCTC	2835
QY	661	CGCCGCGGCTTCAACCCACAGAGTATGTGTGAGTTATGCTGTGACCTGTGTGGGAAGCTG	720
Db	2836	CGCCGCGGCTTCAACCCACAGAGTATGTGTGAGTTATGCTGTGACCTGTGTGGGAAGCTG	2895

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QY 721 ATGACTTTTGGGCGCAAACTTACGATGGATCCAGCCCGGAGATCCCTGACCTGCTG 780
Db 2896 ATGACTTTTGGGCGCAAACTTACGATGGATCCAGCCCGGAGATCCCTGACCTGCTG 2955
QY 781 GAAAAGGGGAGCGGCTGCCCCAGACCCCTTCTGACCATGATGCTTACATATCATG 840
Db 2956 GAAAAGGGGAGCGGCTGCCCCAGACCCCTTCTGACCATGATGCTTACATATCATG 3015
QY 841 GTCAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900
Db 3016 GTCAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 3075
QY 901 TTCTCCCGCATGCGCAGAGACCCCGACGCTTTTGTGATCATCAGAAATGAGACTTGG 960
Db 3076 TTCTCCCGCATGCGCAGAGACCCCGACGCTTTTGTGATCATCAGAAATGAGACTTGG 3135
QY 961 CCAGCCAGTCCCTTGGACAGACCTTTTACCGCTCACTGAGAGACGATGACATGGGG 1020
Db 3136 CCAGCCAGTCCCTTGGACAGACCTTTTACCGCTCACTGAGAGACGATGACATGGGG 3195
QY 1021 GACCTGGTGGATGCTGAGAGATCTGATGATGATGATGATGATGATGATGATGATGAT 1080
Db 3196 GACCTGGTGGATGCTGAGAGATCTGATGATGATGATGATGATGATGATGATGATGAT 3255
QY 1081 GCGCCGCGGCGCTGCGGCGCATGCTCACCAGAGGACCGCAGCTCATCTACAGAGATGGC 1140
Db 3256 GCGCCGCGGCGCTGCGGCGCATGCTCACCAGAGGACCGCAGCTCATCTACAGAGATGGC 3315
QY 1141 GGTGGGGAGCTGACATGAGGGCTGGAGCCCTCTGAGAGAGAGGCCCCAGGTCTTCACTG 1200
Db 3316 GGTGGGGAGCTGACATGAGGGCTGGAGCCCTCTGAGAGAGAGGCCCCAGGTCTTCACTG 3375
QY 1201 GCAACCTCCGAGAGGGGCTGGCTCCGATGATGATGATGATGATGATGATGATGATGATG 1260
Db 3376 GCAACCTCCGAGAGGGGCTGGCTCCGATGATGATGATGATGATGATGATGATGATGATG 3435
QY 1261 AAGGGGCTGCAAAAGCCTCCCCACACATAGACCCCGACCTCTACAGCGGTACAGTAGAGAC 1320
Db 3436 AAGGGGCTGCAAAAGCCTCCCCACACATAGACCCCGACCTCTACAGCGGTACAGTAGAGAC 3495
QY 1321 CCCACAGTACCCCTGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1380
Db 3496 CCCACAGTACCCCTGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 3555
QY 1381 CAGCCTGAATATGTAAGCAAGCAAGATGTTCCGCGCCAGCCCTTGGCCCCGAGAGGGC 1440
Db 3556 CAGCCTGAATATGTAAGCAAGCAAGATGTTCCGCGCCAGCCCTTGGCCCCGAGAGGGC 3615
QY 1441 CCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500
Db 3616 CCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3675
QY 1501 GGGAGAGATGGGCTGCTCAAAAGCGTTTTTGGCTTTGGGGGTGCGTGAAGAACCCCGAG 1560
Db 3676 GGGAGAGATGGGCTGCTCAAAAGCGTTTTTGGCTTTGGGGGTGCGTGAAGAACCCCGAG 3725
QY 1561 TACTTGAACACCCAGAGAGAGAGTGGCCCTCAGGCCCACTCTCTCTGCTTTAGAGCCA 1620
Db 3736 TACTTGAACACCCAGAGAGAGAGTGGCCCTCAGGCCCACTCTCTCTGCTTTAGAGCCA 3795
QY 1621 GCCTTGACAACTCTATTACTGAGGACCAAGAACCAAGAGCGGGGGCTCCACCGAGC 1680
Db 3796 GCCTTGACAACTCTATTACTGAGGACCAAGAACCAAGAGCGGGGGCTCCACCGAGC 3855
QY 1681 ACCTTCAAGAGGACACTTACGGCAGAGAACCCAGAGTACCTGGTCTGAGCGTCCAGTG 1740
Db 3856 ACCTTCAAGAGGACACTTACGGCAGAGAACCCAGAGTACCTGGTCTGAGCGTCCAGTG 3915

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RESULT 22  
US-10-177-293-125  
; Sequence 125, Application US/10177293

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; Publication No. US20030124128A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Galt, Karen
; APPLICANT: Zhao, Xumei
; APPLICANT: Gannavarpu, Manjula
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Mertens, Maureen
; APPLICANT: Myer, Vic
; APPLICANT: Mang, Youzhen
; APPLICANT: Xu, Yongyao
; APPLICANT: Hoersch, Sebastian
; APPLICANT: Monahan, John
; APPLICANT: Meyers, Rachel E.
; APPLICANT: Baet Jr., Robert C.
; APPLICANT: Hortobagyi, Gabriel N.
; APPLICANT: Pusztai, Lajos
; APPLICANT: Meric, Funda
; APPLICANT: Sahin, Aysegul
; APPLICANT: Mills, Gordon B.
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
; FILE REFERENCE: PRI-038
; CURRENT APPLICATION NUMBER: US/10/177,293
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/239,887
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,572
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: US 60/306,501
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: US 60/325,002
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: US 60/362,585
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/xxx,xxx
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 506
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 4530
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-177-293-125

Query Match 99.9%; Score 1738.4; DB 15; Length 4530;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 AAGGAGCGGAGCAAGATCCGGAATGACAGATGCGGAGACTGTGAGAAACGAG 60
Db 2176 AAGGAGCGGAGCAAGATCCGGAATGACAGATGCGGAGACTGTGAGAAACGAG 2225
QY 61 CTGTGAGGCGCTGACACCTAGCGAGCGATGCCCAACGAGCGAGATCGGATCTG 120
Db 2236 CTGTGAGGCGCTGACACCTAGCGAGCGATGCCCAACGAGCGAGATCGGATCTG 2295
QY 121 AAGAGACGAGAGCTGAGAGAGTGAAGTGTGATCTGAGCTTGGCGTTTGGACAGTCTAC 180
Db 2296 AAGAGACGAGAGCTGAGAGAGTGAAGTGTGATCTGAGCTTGGCGTTTGGACAGTCTAC 2355
QY 181 AAGGGCATCTGATGATCCCTGATGGGAGAGATGTGAAATTCAGTGGCATCAAGTGTG 240
Db 2356 AAGGGCATCTGATGATCCCTGATGGGAGAGATGTGAAATTCAGTGGCATCAAGTGTG 2415
QY 241 AAGGAAACACATCCCGCAAAAGCCAAACAAAGAAATCTTAGACGAGCATACGTATGAGCT 300
Db 2416 AAGGAAACACATCCCGCAAAAGCCAAACAAAGAAATCTTAGACGAGCATACGTATGAGCT 300
QY 301 GGTGTGGGCTCCCGCATATGCTCTCCCGCTTCTGGGATCTGCTGACATCCAGGTGACG 360
Db 2476 GGTGTGGGCTCCCGCATATGCTCTCCCGCTTCTGGGATCTGCTGACATCCAGGTGACG 360

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QY	361	CTGTGTGACAGAGCTTAATGACCTTAATGAGCGCTCTTTAGACCATGTGCGGGAAACACCGGGA	420
Db	2536	CTGTGTGACAGAGCTTAATGACCTTAATGAGCGCTCTTTAGACCATGTGCGGGAAACACCGGGA	2595
QY	421	CGCGCTGGGCTCCACAGACCTTGCTAACTGGGTGTATGACGATTTGGCAAGGGGATGAGCTAC	480
Db	2596	CGCGCTGGGCTCCACAGACCTTGCTAACTGGGTGTATGACGATTTGGCAAGGGGATGAGCTAC	2655
QY	481	CTGGAGGATGTGCGGCTTGTAACACAGGACTTGGCCGCTGGAACTGTGTCAAGT	540
Db	2656	CTGGAGGATGTGCGGCTTGTAACACAGGACTTGGCCGCTGGAACTGTGTCAAGT	2715
QY	541	CCCAACCATGTGCAAAATTACAGACTTGGGCTGGCTGGCTGTGACATTGAAGACACA	600
Db	2716	CCCAACCATGTGCAAAATTACAGACTTGGGCTGGCTGGCTGTGACATTGAAGACACA	2775
QY	601	GAGTACCATGACGATGGGGGCAAGGTGCGCCATCAAGTGGATGGCGCTGAGTCCATTCTC	660
Db	2776	GAGTACCATGACGATGGGGGCAAGGTGCGCCATCAAGTGGATGGCGCTGAGTCCATTCTC	2835
QY	661	CGCGGCGGGTTACCCACACAGAGTATGTGTGAGTTATGGTGTGACTGTGTGGAGCTG	720
Db	2836	CGCGGCGGGTTACCCACACAGAGTATGTGTGAGTTATGGTGTGACTGTGTGGAGCTG	2895
QY	721	ATGACTTTTGGGGGCCAAACCTTACAGATGGGATCCCAAGCCGGGAGATCCCTGACTGCTG	780
Db	2896	ATGACTTTTGGGGGCCAAACCTTACAGATGGGATCCCAAGCCGGGAGATCCCTGACTGCTG	2955
QY	781	GAAAGAGGGGAGCGGCGTGCAGCGCCGCCCATCTGCACATGTGATGTCTACATGATCATG	840
Db	2956	GAAAGAGGGGAGCGGCGTGCAGCGCCGCCCATCTGCACATGTGATGTCTACATGATCATG	3015
QY	841	GTCAAATGTGTGATGATTTGACTGTGAATGTGTGGCAAGATTCGCGGAGTTGGTCTTGA	900
Db	3016	GTCAAATGTGTGATGATTTGACTGTGAATGTGTGGCAAGATTCGCGGAGTTGGTCTTGA	3075
QY	901	TTTCTCCCGCATATGGCCACAGGACCCCAAGCGCTTTGTGTCTATCCAGAAATGAGGACTTGGGC	960
Db	3076	TTTCTCCCGCATATGGCCACAGGACCCCAAGCGCTTTGTGTCTATCCAGAAATGAGGACTTGGGC	3135
QY	961	CCAGCCAGTCCCTTGGACAGCACTTCTACCGGCTCACTGCTGAGGAGAGATGACATGGGG	1020
Db	3136	CCAGCCAGTCCCTTGGACAGCACTTCTACCGGCTCACTGCTGAGGAGAGATGACATGGGG	3195
QY	1021	GACCTGTGTGATGTGTGAGAGTATCTGTGTACCCAGACAGGCTTCTTGTGTCCAGACCTT	1080
Db	3196	GACCTGTGTGATGTGTGAGAGTATCTGTGTACCCAGACAGGCTTCTTGTGTCCAGACCTT	3255
QY	1081	GCCCCGGGCGCTGGGGGGCATGTGTCCACACACAGCACCGCAGCTCATTTACAGAGATGTGC	1140
Db	3256	GCCCCGGGCGCTGGGGGGCATGTGTCCACACACAGCACCGCAGCTCATTTACAGAGATGTGC	3315
QY	1141	GGTGGGGGACCTGACACTAAGGCTGTGAGGCGCTGTBAAGAGAGGGCCCCAGGCTTCCACTG	1200
Db	3316	GGTGGGGGACCTGACACTAAGGCTGTGAGGCGCTGTBAAGAGAGGGCCCCAGGCTTCCACTG	3375
QY	1201	GCAACCTTCCGAAGGGGCTGTGCTCCGATGTATTTGATGTGTGACTTGGGAAATGGGGAGACCC	1260
Db	3376	GCAACCTTCCGAAGGGGCTGTGCTCCGATGTATTTGATGTGTGACTTGGGAAATGGGGAGACCC	3435
QY	1261	AAGGGGCTGCAAGGCTTCCCAACATGACCCCAAGCCTCTTACAGCGGTACAGTGAAGAC	1320
Db	3436	AAGGGGCTGCAAGGCTTCCCAACATGACCCCAAGCCTCTTACAGCGGTACAGTGAAGAC	3495
QY	1321	CCCAACAGTACCCCTGTGCCTCTGACACTGATGGCTTACGTGTGCCCCCTTGAACCTTGACGCC	1380
Db	3496	CCCAACAGTACCCCTGTGCCTCTGACACTGATGGCTTACGTGTGCCCCCTTGAACCTTGACGCC	3555
QY	1381	CAGCGCTGAATATGTGAACCAAGCAGATTTTGGGCCCAAGCCTTGTGGCCCGCAGAGAGGC	1440
Db	3556	CAGCGCTGAATATGTGAACCAAGCAGATTTTGGGCCCAAGCCTTGTGGCCCGCAGAGAGGC	3615
QY	1441	CTGTGCTGTGCTGCCAGCTGTGCTGTGTGCACTGTGAAAGGCCCAAGACTTCTTCCCA	1500

Db		3616	CCTTGTGCTGGTGCCCGACCTGCTGTGGCCACTCTGGAAGGGCCAAAGACTCTCTCCCCA	3675
Qy		1501	GGAAGAATGGGGTCGTCAAGAAGTTTTTGCTTTGGGGGTGCCGTGTGAAGAACCCCGAG	1560
Db		3676	GGAAGAATGGGGTCGTCAAGAAGCGTTTTTGCTTTGGGGGTGCCTGTGAAGAACCCCGAG	3735
Qy		1561	TACTTGGACACCCCGAGGAGAGTGGCCTCTCAAGCCCACCCTCTCTGCTTCAAGCCA	1620
Db		3736	TACTTGGACACCCCGAGGAGAGTGGCCTCTCAAGCCCACCCTCTCTGCTTCAAGCCA	3795
Qy		1621	GCGTTGACACCTCTATACTGGGACCAAGACCCACAGAGGGGGGGGTCTCCACCCAGC	1680
Db		3796	GCGTTGACACCTCTATACTGGGACCAAGACCCACAGAGGGGGGGGTCTCCACCCAGC	3855
Qy		1681	ACCTTCAAAGGACAATTACGGCAGAGAACCCAGAGTAAGTGGGTCTGACGTCAGTG	1740
Db		3856	ACCTTCAAAGGACAATTACGGCAGAGAACCCAGAGTAAGTGGGTCTGACGTCAGTG	3915
<b>RESULT 23</b>				
		US-10-007-926A-119		
		; Sequence 119, Application US/10007926A		
		; Publication No. US20030143539A1		
		GENERAL INFORMATION:		
		APPLICANT: BERTUCCI, FRANCOIS		
		APPLICANT: HOUJATTE, REMI		
		APPLICANT: BIRNBAUM, DANIEL		
		APPLICANT: NGUYEN, CATHERINE		
		APPLICANT: VIENS, PATRICE		
		APPLICANT: FERT, VINCENT		
		TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS		
		TITLE OF INVENTION: USING ARRAYS OF CANDIDATE GENES		
		FILE REFERENCE: 1546-R-00		
		CURRENT APPLICATION NUMBER: US/10/007,926A		
		PRIOR FILING DATE: 2001-12-07		
		PRIOR APPLICATION NUMBER: 60/254,090		
		PRIOR FILING DATE: 2000-12-08		
		NUMBER OF SEQ ID NOS: 468		
		SOFTWARE: PatentIn Ver. 2.1		
		SEQ ID NO 119		
		LENGTH: 4530		
		TYPE: DNA		
		ORGANISM: Homo sapiens		
		FEATURE:		
		OTHER INFORMATION: v-erb-b2 avian erythroblastic leukemia viral		
		OTHER INFORMATION: oncogene homolog 2 (neuro/glioblastoma derived		
		OTHER INFORMATION: oncogene homolog) (BRB2) gene.		
		US-10-007-926A-119		
		Query Match	99.9%; Score 1738.4; DB 15; Length 4530;	
		Best Local Similarity	99.9%; Pred. No. 0;	
		Matches 1739; Conservative	0; Mismatches 1; Indels 0; Gaps 0;	
Qy		1	AAGCACGGCAGCAGAGATCCGGAAGTACAGATGCGAGACTGCTGCAGGAACGGAG	60
Db		2176	AAGCACGGCAGCAGAGATCCGGAAGTACAGATGCGAGACTGCTGCAGGAACGGAG	2235
Qy		61	CTGTGTGAGCGCCTGACACCTTAGCGGAGGATGCCAACAGGCGCAGATGCGGATCTTG	120
Db		2236	CTGTGTGAGCGCCTGACACCTTAGCGGAGGATGCCAACAGGCGCAGATGCGGATCTTG	2295
Qy		121	AAAGAGACGGACTGTGAGAAAGTGAAGTGTCTTGATCTTGCGCTTTTGGCAGAGTCTAC	180
Db		2296	AAAGAGACGGACTGTGAGAAAGTGAAGTGTCTTGATCTTGCGCTTTTGGCAGAGTCTAC	2355
Qy		181	AAAGCATCTGATCCCTGATGGGAGAAATGTGAAAATTCAGTGGCCATCAAAATGTTG	240
Db		2356	AAAGCATCTGATCCCTGATGGGAGAAATGTGAAAATTCAGTGGCCATCAAAATGTTG	2415
Qy		241	AGGAAAAACATCCCCCAAGCCAAACAAAGAAATCTTGAAGAGATACGTGATGGCT	300
Db		2416	AGGAAAAACATCCCCCAAGCCAAACAAAGAAATCTTGAAGAGATACGTGATGGCT	2475

QY 301 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGCACTGCTGACATCCAGGATGAG 360  
DB 2476 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGCACTGCTGACATCCAGGATGAG 2535  
QY 361 CTGTGTACACAGCTTATGCTTATGCTGCTTGTAGACATGTCCGGGAAAAACCGGGA 420  
DB 2536 CTGTGTACACAGCTTATGCTTATGCTGCTTGTAGACATGTCCGGGAAAAACCGGGA 2595  
QY 421 CGCTGTGGGCTCCCATATGTCTCCGCTTCTGGGCACTGCTGACATCCAGGATGAG 480  
DB 2596 CGCTGTGGGCTCCCATATGTCTCCGCTTCTGGGCACTGCTGACATCCAGGATGAG 2655  
QY 481 CTGTGTACACAGCTTATGCTTATGCTGCTTGTAGACATGTCCGGGAAAAACCGGGA 540  
DB 2656 CTGTGTACACAGCTTATGCTTATGCTGCTTGTAGACATGTCCGGGAAAAACCGGGA 2715  
QY 541 CCCAACCATGTCAAAATTAACAGCTTGTGGGCTGCTGCTGCTGACATTTAGAGACA 600  
DB 2716 CCCAACCATGTCAAAATTAACAGCTTGTGGGCTGCTGCTGCTGACATTTAGAGACA 2775  
QY 601 GAGTACATGACAGATGGGGCAAGGTGCCATCAAGTGAATGGCGCTGACATTTCTC 660  
DB 2776 GAGTACATGACAGATGGGGCAAGGTGCCATCAAGTGAATGGCGCTGACATTTCTC 2835  
QY 661 CCGCGGCGGTTCAACCAAGATGATGTGTGAGTTATGTGTGATGCTGTGGAGCTG 720  
DB 2836 CCGCGGCGGTTCAACCAAGATGATGTGTGAGTTATGTGTGATGCTGTGGAGCTG 2895  
QY 721 ATGACTTTTGGGGCCAAACCTTAACAGTGGATCCAGCCGGGAGATCCCTGACCTGCTG 780  
DB 2896 ATGACTTTTGGGGCCAAACCTTAACAGTGGATCCAGCCGGGAGATCCCTGACCTGCTG 2955  
QY 781 GAAAGGGGGAGGGGCTGCGCCGAGCCCATCTGACCACTTATGTCTTACATGATCAG 840  
DB 2956 GAAAGGGGGAGGGGCTGCGCCGAGCCCATCTGACCACTTATGTCTTACATGATCAG 3015  
QY 841 GTCAAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
DB 3016 GTCAAAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 3075  
QY 901 TTCTCTCCGATGGCCAGGAGCCCGACGCTTTGTGTGTCAATCCAGATGAGACTTGGGC 960  
DB 3076 TTCTCTCCGATGGCCAGGAGCCCGACGCTTTGTGTGTCAATCCAGATGAGACTTGGGC 3135  
QY 961 CCAAGCAGTCCCTTGGACAGCACTTCTTACCGCTCACTGCTGAGAGACATGAGGGG 1020  
DB 3136 CCAAGCAGTCCCTTGGACAGCACTTCTTACCGCTCACTGCTGAGAGACATGAGGGG 3195  
QY 1021 GACTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1080  
DB 3196 GACTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 3255  
QY 1081 GCCCGGGGCTGTGGGGCAATGTGTCAACAGGACCGGACCTCATCTTACAGAGATGAG 1140  
DB 3256 GCCCGGGGCTGTGGGGCAATGTGTCAACAGGACCGGACCTCATCTTACAGAGATGAG 3315  
QY 1141 GGTGTGGGACCTGACATTAAGGCTGTGAGCCCTTGAAGAGAGAGCCCTTCTTCACTG 1200  
DB 3316 GGTGTGGGACCTGACATTAAGGCTGTGAGCCCTTGAAGAGAGAGCCCTTCTTCACTG 3375  
QY 1201 GACCCCTCGAAGAGGGCTGGCTCGATGATTTGATGATGATGATGATGATGATGATGAT 1260  
DB 3376 GACCCCTCGAAGAGGGCTGGCTCGATGATTTGATGATGATGATGATGATGATGATGAT 3435  
QY 1261 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGGCTTCTTACAGGAGTACAGTGAAG 1320  
DB 3436 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGGCTTCTTACAGGAGTACAGTGAAG 3495  
QY 1321 CCCACATGACCTTGTCTGTGAGATGATGATGATGATGATGATGATGATGATGATGAT 1380  
DB 3496 CCCACATGACCTTGTCTGTGAGATGATGATGATGATGATGATGATGATGATGATGAT 3555

QY 1381 CAGCTGAATATGTGAACCAAGCAGATGTTTGGGCCCCAGGCCCCCTTGTGCCCCGAGAGGGC 1440  
DB 3556 CAGCTGAATATGTGAACCAAGCAGATGTTTGGGCCCCAGGCCCCCTTGTGCCCCGAGAGGGC 3615  
QY 1441 CCTTGTCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
DB 3616 CCTTGTCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3675  
QY 1501 GGGAGAGATGGGGCTGCTCAAGAGCTTTTGGCTTTGGGGGGTCCGAGAGAACCCCGAG 1560  
DB 3676 GGGAGAGATGGGGCTGCTCAAGAGCTTTTGGCTTTGGGGGGTCCGAGAGAACCCCGAG 3735  
QY 1561 TACTTGACACCCAGGAGAGAGCTGCCCCCTCAGCCCCCACCCTCTCTGCTTCAAGCCA 1620  
DB 3736 TACTTGACACCCAGGAGAGAGCTGCCCCCTCAGCCCCCACCCTCTCTGCTTCAAGCCA 3795  
QY 1621 GCTTGTGACACCTTATTAATGTTGGACCAAGAACCCACAGAGGGGGGCTCCACCCAGC 1680  
DB 3796 GCTTGTGACACCTTATTAATGTTGGACCAAGAACCCACAGAGGGGGGCTCCACCCAGC 3855  
QY 1681 ACCTTGAAGGGGACACCTTACGGAGAACCCAGAGTACCTGGGCTGAGCGTGGCAGTG 1740  
DB 3856 ACCTTGAAGGGGACACCTTACGGAGAACCCAGAGTACCTGGGCTGAGCGTGGCAGTG 3915

## RESULT 24

US-10-338-730-1

; Sequence 1, Application US/10338730  
; Publication No. US20030147905A1  
; GENERAL INFORMATION:  
; APPLICANT: Genzyme Corporation  
; APPLICANT: Nicolette, Charles A.  
; TITLE OF INVENTION: THERAPEUTIC COMPOUNDS  
; FILE REFERENCE: 5017C  
; CURRENT APPLICATION NUMBER: US/10/338,730  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR FILING DATE: 2002-03-16  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (151)..(3915)  
; OTHER INFORMATION:  
; US-10-338-730-1

## Query Match

Best Local Similarity 99.9%; Score 1738.4; DB 15; Length 4530; Mismatches 1; Indels 0; Gaps 0;

QY 1 AAGCGAGCGGACGAGAAATCCGAGATGACAGATGCGAGACTGCTGCGAGAAACGAG 60  
DB 2176 AAGCGAGCGGACGAGAAATCCGAGATGACAGATGCGAGACTGCTGCGAGAAACGAG 2235  
QY 61 CTGTGTAGACCGCTGACACCTTACGAGGAGATGCCAACAGGCGAGATGCGATCTTG 120  
DB 2236 CTGTGTAGACCGCTGACACCTTACGAGGAGATGCCAACAGGCGAGATGCGATCTTG 2295  
QY 121 AAAGAGACGAGGCTGAGAGAAAGTGAAGGTGCTTGAATCTGGCGCTTTTGGACAGTCTAC 180  
DB 2296 AAAGAGACGAGGCTGAGAGAAAGTGAAGGTGCTTGAATCTGGCGCTTTTGGACAGTCTAC 2355  
QY 181 AAGGGCATCTGATCCCTGATGAGGAGAAATGTAATAATCCAGTGGCATCAAGTGTG 240  
DB 2356 AAGGGCATCTGATCCCTGATGAGGAGAAATGTAATAATCCAGTGGCATCAAGTGTG 2415  
QY 241 AAGGAAACATCCCCCAAGCCAAACAAATCTTGAACGAGACATACGTGATGCT 300  
DB 2416 AAGGAAACATCCCCCAAGCCAAACAAATCTTGAACGAGACATACGTGATGCT 2475

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OY 301 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGCATCTGCTGCATCCAGGTGCAG 360
DB 2476 GGTGTGGGCTCCCATATGTCTCCGCTTCTGGGCATCTGCTGCATCCAGGTGCAG 2535
OY 361 CTGTGTGACACAGCTTATGTGCTTATGTGCTTATGACATATGTCCGGGAAAAACCGCGGA 420
DB 2536 CTGTGTGACACAGCTTATGTGCTTATGTGCTTATGACATATGTCCGGGAAAAACCGCGGA 2595
OY 421 GCGCTGGGCTCCAGGACCTGTGAACTGTGTATGATTCAGATTGCCAAGGGGATGAGCTAC 480
DB 2596 GCGCTGGGCTCCAGGACCTGTGAACTGTGTATGATTCAGATTGCCAAGGGGATGAGCTAC 2655
OY 481 CTGAGAGATGTGCGGCTGTGACACAGGGACTTGGCGCTCGAACCCTGTGTCAAGAT 540
DB 2656 CTGAGAGATGTGCGGCTGTGACACAGGGACTTGGCGCTCGAACCCTGTGTCAAGAT 2715
OY 541 CCGAACCATGTCAAAATTACAGACTTGGGCTGGCTGGCTGTGTGACATTTGACAGACA 600
DB 2716 CCGAACCATGTCAAAATTACAGACTTGGGCTGGCTGGCTGTGTGACATTTGACAGACA 2775
OY 601 GAGTACCATGATGGGGGCAAGGTCATCAATGATGAGCGCTGAGATCCATTCTC 660
DB 2776 GAGTACCATGATGGGGGCAAGGTCATCAATGATGAGCGCTGAGATCCATTCTC 2835
OY 661 CCGCGGCGGTTGACCCACGAGAGTGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 720
DB 2836 CCGCGGCGGTTGACCCACGAGAGTGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 2895
OY 721 ATGACTTTTGGGGCCAACTTTACATGGGATCCAGCCCGGAGATCCCTGACTGCTG 780
DB 2896 ATGACTTTTGGGGCCAACTTTACATGGGATCCAGCCCGGAGATCCCTGACTGCTG 2955
OY 781 GAAAAGGGGAGGGGTGCGCCAGCGCCCATCTGACCATGATGTCTTACATGATCATG 840
DB 2956 GAAAAGGGGAGGGGTGCGCCAGCGCCCATCTGACCATGATGTCTTACATGATCATG 3015
OY 841 GTCAAAATGTTGATGATGATCTCTGATGTGCGCCAAATTCGGGAGTTGTGTCTGAA 900
DB 3016 GTCAAAATGTTGATGATGATCTCTGATGTGCGCCAAATTCGGGAGTTGTGTCTGAA 3075
OY 901 TTCTCTCCGATGGCCAGGAGCCCGACCGCTTTGTGTCTATCCAGATGAGACTTGGGC 960
DB 3076 TTCTCTCCGATGGCCAGGAGCCCGACCGCTTTGTGTCTATCCAGATGAGACTTGGGC 3135
OY 961 CCAGCGAGTCCCTTGAACAGCACTTCTACCGCTCATCTGTGAGGAGACATGAGG 1020
DB 3136 CCAGCGAGTCCCTTGAACAGCACTTCTACCGCTCATCTGTGAGGAGACATGAGG 3195
OY 1021 GACTGTGTGATGCTGAGAGTATCTGTGATCCACAGAGGCTTCTTGTCTCAGACCTT 1080
DB 3196 GACTGTGTGATGCTGAGAGTATCTGTGATCCACAGAGGCTTCTTGTCTCAGACCTT 3255
OY 1081 GCCCGGAGCGTGGGAGCATGTCTCACACAGGACCCGACGCTCATCTACAGAGTGGC 1140
DB 3256 GCCCGGAGCGTGGGAGCATGTCTCACACAGGACCCGACGCTCATCTACAGAGTGGC 3315
OY 1141 GGTGGGAGCTGTGACATGAGGCTGTGAGCCCTGTGAAGAGAGGCCCCCAAGTCTCACTG 1200
DB 3316 GGTGGGAGCTGTGACATGAGGCTGTGAGCCCTGTGAAGAGAGGCCCCCAAGTCTCACTG 3375
OY 1201 GCACTCTCCGAAAGGCTGTGCTCGATGTATTTGATGTGACCTGTGGAAATGGGGGAGCC 1260
DB 3376 GCACTCTCCGAAAGGCTGTGCTCGATGTATTTGATGTGACCTGTGGAAATGGGGGAGCC 3435
OY 1261 AAGGGCTGTGAAAGCTTCCACACATGACCCAGCCCTTACAGCGGTACAGTGAAGAC 1320
DB 3436 AAGGGCTGTGAAAGCTTCCACACATGACCCAGCCCTTACAGCGGTACAGTGAAGAC 3495
OY 1321 CCGACAGTACCTTGGCTGTGAGACTGATGTGCTTGTGCTTGTGACCTTCAAGCTTCA 1380
DB 3496 CCGACAGTACCTTGGCTGTGAGACTGATGTGCTTGTGCTTGTGACCTTCAAGCTTCA 3555
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OY 1381 CAGCTGAATATGTGAACCAAGCCAGATGTTGGCCCCAGCCCCCTTGGCCCCGAGAGGGC 1440
DB 3556 CAGCTGAATATGTGAACCAAGCCAGATGTTGGCCCCAGCCCCCTTGGCCCCGAGAGGGC 3615
OY 1441 CCTGTGCTGTGCGCCGACCTGCTGTGTGCACTGTGAAGGCCCAAGACTCTCTCCCA 1500
DB 3616 CCTGTGCTGTGCGCCGACCTGCTGTGTGCACTGTGAAGGCCCAAGACTCTCTCCCA 3675
OY 1501 GGGAAAGATGGGTCGTCAAGAGCTTTTGTGCTTTGGGGGTGGCGTGAAGAACCCCGAG 1560
DB 3676 GGGAAAGATGGGTCGTCAAGAGCTTTTGTGCTTTGGGGGTGGCGTGAAGAACCCCGAG 3735
OY 1561 TACTTGAACCCCAAGGAGAGACTGCTCCTCAGCCCCACCTCTCTCTGCTTCAAGCCCA 1620
DB 3736 TACTTGAACCCCAAGGAGAGACTGCTCCTCAGCCCCACCTCTCTCTGCTTCAAGCCCA 3795
OY 1621 GCGTTCGACACCTCTATTACTGTGGACAGACCCACAGACCGGGGGGCTCCACCAGC 1680
DB 3796 GCGTTCGACACCTCTATTACTGTGGACAGACCCACAGACCGGGGGGCTCCACCAGC 3855
OY 1681 ACCTTCAAGGAGACCTACCGGAGAGAACCCAGAGTACTTGGGTGTGACCTGCGACTG 1740
DB 3856 ACCTTCAAGGAGACCTACCGGAGAGAACCCAGAGTACTTGGGTGTGACCTGCGACTG 3915
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RESULT 25
US-10-101-510-124
; Sequence 124, Application US/10101510
; Publication No. US20030148295A1
; GENERAL INFORMATION:
; APPLICANT: WANG, YIXIN
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
; FILE REFERENCE: 15117.0012
; CURRENT APPLICATION NUMBER: US/10/101,510
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 60/276,947
; NUMBER OF SEQ ID NOS: 805
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 4530
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-101-510-124
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Query Match 99.9%; Score 1738.4; DB 15; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 1 AAGCGACGCGCAGAGATCCGGAAGTACACGATGCGGAGACTGCTGCAGAAACGGAG 60
DB 2176 AAGCGACGCGCAGAGATCCGGAAGTACACGATGCGGAGACTGCTGCAGAAACGGAG 2235
OY 61 CTGTGTGAGCGCTGTGACACTTACGCGAGCGATGCCCCAACAGGCGCGAGATGCGGATCTG 120
DB 2236 CTGTGTGAGCGCTGTGACACTTACGCGAGCGATGCCCCAACAGGCGCGAGATGCGGATCTG 2295
OY 121 AAAGAGACGAGGTGAGAAAGTGAAGTGTGATCTGGGCTTTTGGCAAGTCTAC 180
DB 2296 AAAGAGACGAGGTGAGAAAGTGAAGTGTGATCTGGGCTTTTGGCAAGTCTAC 2355
OY 181 AAGGGCATCTGATCTCCTGATGAGGAGAAATGTGAATTCAGTGGCCATCAAAAGTGTG 240
DB 2356 AAGGGCATCTGATCTCCTGATGAGGAGAAATGTGAATTCAGTGGCCATCAAAAGTGTG 2415
OY 241 AAGGAAACACATCCCCCAAAGCCAAACAAATTTTACAGACGATCGTGAATGCGT 300
DB 2416 AAGGAAACACATCCCCCAAAGCCAAACAAATTTTACAGACGATCGTGAATGCGT 2475
OY 301 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGAGATCTGCTGACATCCAGGTGCAG 360
DB 2476 GGTGTGGGCTCCCATATGTCTCCGCTTGTGGGAGATCTGCTGACATCCAGGTGCAG 2535
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OY	361	CTGGGAGACACACCTTAATGCCCTATGGCTGCCCTTAAAGACATAGTCCGGAAAAACCGCGGA	420
Db	2536	CTGGGTGACACACCTTAATGCTCCATGAGCTGCCCTTAAAGACATAGTCCGGAAAAACCGCGGA	2595
OY	421	CGCCTGGGGCTCCACAGGACCTGCTGAACTGGTGTATGACAAATTGGCCAAAGGGAGTGAAGTAC	480
Db	2596	CGCCTGGGGCTCCACAGGACCTGCTGAACTGGTGTATGACAAATTGGCCAAAGGGAGTGAAGTAC	2655
OY	481	CTGGAGATGTGCGGCTCGTACACAGGGACTTGGCCGCTCGGAACTGTCTGTAAGT	540
Db	2656	CTGGAGAGATGTGCGGCTCGTACACAGGGACTTGGCCGCTCGGAACTGTCTGTAAGT	2715
OY	541	CCCAACCATGTCTAAATTAACACACTTCCGGGCTGGCTCGGCTCTGGAATTGACAGACACA	600
Db	2716	CCCAACCATGTCTAAATTAACACACTTCCGGGCTGGCTCGGCTCTGGAATTGACAGACACA	2775
OY	601	GAGTACCATGACAGATGCGGGGCAAGGAGCCATCAAGTGGATGGAGCTGGAAGTCCATTCGC	660
Db	2776	GAGTACCATGACAGATGCGGGGCAAGGAGCCATCAAGTGGATGGAGCTGGAAGTCCATTCGC	2835
OY	661	CGCGGCGGTTACCCACACAGATGATGTGGAATTATGATGTGACTGTGTGGAGAGCTG	720
Db	2836	CGCGGCGGTTACCCACACAGATGATGTGGAATTATGATGTGACTGTGTGGAGAGCTG	2895
OY	721	ATGACTTTTGGGGGCCAAACCTTAACATGGGATCCAGGCCGGGAGATCCCTGAACCTGCTG	780
Db	2896	ATGACTTTTGGGGGCCAAACCTTAACATGGGATCCAGGCCGGGAGATCCCTGAACCTGCTG	2955
OY	781	GAAAAAGGGGAGCGGCTGCCCGGCCCCCATCTGACCAATTGAATGTCTACATGTACTGATC	840
Db	2956	GAAAAAGGGGAGCGGCTGCCCGGCCCCCATCTGACCAATTGAATGTCTACATGTACTGATC	3015
OY	841	GTCAAATGTTGGATGATTGACTCTGAATGTCCGCCAAGATTTCCGGAGTTGGTGTCTAA	900
Db	3016	GTCAAATGTTGGATGATTGACTCTGAATGTCCGCCAAGATTTCCGGAGTTGGTGTCTAA	3075
OY	901	TTCTCCCGCATGCGCAGGGAACCCAGCGCTTTGTGTCTATCCAGATGAGGACTTGGGC	960
Db	3076	TTCTCCCGCATGCGCAGGGAACCCAGCGCTTTGTGTCTATCCAGATGAGGACTTGGGC	3135
OY	961	CCAGCCAGTCCCTTGGACAGCACTTAAACGCTCATCGCTGAGGAGAGAGATGACATGGGG	1020
Db	3136	CCAGCCAGTCCCTTGGACAGCACTTAAACGCTCATCGCTGAGGAGAGAGATGACATGGGG	3195
OY	1021	GACCTGTGTGATGCTGAGGAGTATCTGTAACCCACAGAGGGCTTTCTGTCTCAGACCT	1080
Db	3196	GACCTGTGTGATGCTGAGGAGTATCTGTAACCCACAGAGGGCTTTCTGTCTCAGACCT	3255
OY	1081	GCCCCGGGCGCTGGGGGACATGGTTCACACAGGACCGGACGCTCATCAACAGAGTGGC	1140
Db	3256	GCCCCGGGCGCTGGGGGACATGGTTCACACAGGACCGGACGCTCATCAACAGAGTGGC	3315
OY	1141	GSTGGGGACCTGACACTAAGGCTGGAAGCCCTTGAAGAGAGAGCCCCCAAGTCTTCACTG	1200
Db	3316	GSTGGGGACCTGACACTAAGGCTGGAAGCCCTTGAAGAGAGAGCCCCCAAGTCTTCACTG	3375
OY	1201	GCAACCTCCGAAGGGGCTGGCTCCGATGTATTGAATGTGACCTTGGAAATGGGGGACAGC	1260
Db	3376	GCAACCTCCGAAGGGGCTGGCTCCGATGTATTGAATGTGACCTTGGAAATGGGGGACAGC	3435
OY	1261	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTTAACAGCGGTACAGTGAAGAC	1320
Db	3436	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTTAACAGCGGTACAGTGAAGAC	3495
OY	1321	CCCAAGATACCCCTGCGCTTGAAGACTAATGGCTACGTTGGCCCCCTTAACCTGCAAGCCCC	1380
Db	3496	CCCAAGATACCCCTGCGCTTGAAGACTAATGGCTACGTTGGCCCCCTTAACCTGCAAGCCCC	3555
OY	1381	CAGCCTGAATATGTAAACAGGCAAGTGTGGAGCCCAAGCCCTTCCGCCCCGAGAGAGGC	1440
Db	3556	CAGCCTGAATATGTAAACAGGCAAGTGTGGAGCCCAAGCCCTTCCGCCCCGAGAGAGGC	3615

OY	1441	CCCTGCGCCTGCTGCCGACCTGTGGTGCACCTGGAAGAGGCCCAAGAATCTTCCTCCA	1500
Db	3616	CCTTGCTGCTGCCCCGACCTGCTGTGCTCATCTTGAAAGGGCCANAGACTCTTCTCCC	3675
OY	1501	GGAAGAAATGAGGAGTCTGTAAGAAGCTTTTTCCTTTGGGGGTCCGTGAGAACCCCGAG	1560
Db	3676	GGGAAGAAATGGAGTGTCTCAAAGAAGTTTTTTCCTTTGGGGGTCCGTGAGAACCCCGAG	3725
OY	1561	TACTTGACACCCCGAGGAGAGTGTCCCTCAGCCCCAACCCTCTCTGCTTCAGCCCA	1620
Db	3736	TACTTGACACCCCGAGGAGAGTGTCCCTCAGCCCCAACCCTCTCTGCTTCAGCCCA	3795
OY	1621	GCCTTGACAACCTCTATTACTGGAGACAGAACCCACAGAGGGGGGGCTCCACCCAGC	1680
Db	3796	GCCTTGACAACCTCTATTACTGGAGACAGAACCCACAGAGGGGGGGCTCCACCCAGC	3855
OY	1681	ACCTTCAAGGAGACCTTAGCGGAGAAACCCAGAGTACTGGTCTGACGTGCCAGTG	1740
Db	3856	ACCTTCAAGGAGACCTTAGCGGAGAAACCCAGAGTACTGGTCTGACGTGCCAGTG	3915
 RESULT 26 US-10-116-275-131 ; Sequence 131, Application US/10116275 ; Publication No. US20030211476A1 GENERAL INFORMATION: APPLICANT: Elan Pharmaceutical Technology APPLICANT: O'Mahony, Daniel J. APPLICANT: Brayden, David APPLICANT: Byrne, Daragh APPLICANT: Lambkin, Imelda APPLICANT: Higgins, Lisa TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors FILE REFERENCE: E1067/2008 CURRENT APPLICATION NUMBER: US/10/116,275 CURRENT FILING DATE: 2002-10-04 NUMBER OF SEQ ID NOS: 349 SOFTWARE: PatentIn version 3.1 SEQ ID NO 131 LENGTH: 4530 TYPE: DNA ORGANISM: Homo sapiens US-10-116-275-131			
 Query Match            99.9%;   Score 1738.4;   DB 15;   Length 4530; Best Local Similarity   99.9%;   Pred. No. 0; Matches 1739;   Conservative   0;   Mismatches   1;   Indels   0;   Gaps   0;			
OY	1	AAGCAGCGCAGACAGAGATCCGGAAGTACAGATCGGAGACTGCTGCAGAAAACGAG	60
Db	2176	AAGCAGCGCAGACAGAGATCCGGAAGTACAGATCGGAGACTGCTGCAGAAAACGAG	2235
OY	61	CTGTGTGAGCCGCTGACACTTAGCGAGGATGCCAACGAGCGAGATCGGATCTTG	120
Db	2236	CTGTGTGAGCCGCTGACACTTAGCGAGGATGCCAACGAGCGAGATCGGATCTTG	2295
OY	121	AAAGAGACGAGACTGAGAGAGTGAAGTGTGATCTGTGGCGCTTTTGGCAAGTCTAC	180
Db	2296	AAAGAGACGAGACTGAGAGAGTGAAGTGTGATCTGTGGCGCTTTTGGCAAGTCTAC	2355
OY	181	AAGGACATCTGGATCCCTGTATGGGAGATGTGAATAATTCAGTGGCCATCAAAAGTTTG	240
Db	2356	AAGGACATCTGGATCCCTGTATGGGAGATGTGAATAATTCAGTGGCCATCAAAAGTTTG	2415
OY	241	AGGAAAAACATCCCCCAAGCCAACAAAGAAATCTTAGACGAGACATTCGTATGGCT	300
Db	2416	AGGAAAAACATCCCCCAAGCCAACAAAGAAATCTTAGACGAGACATTCGTATGGCT	2475
OY	301	GGTGTGGGCTCCCATATGTCTCCCGCCCTTGTGGGATCTGGCTGCATTCACAGGTGAC	360
Db	2476	GGTGTGGGCTCCCATATGTCTCCCGCCCTTGTGGGATCTGGCTGCATTCACAGGTGAC	2535



QY 361 CTGTGACACAGCTTATGCGCTTATGCGCTCTTATGACCATGTCCGGGAAAAACCGCGA 420  
Db 2536 CTGTGACACAGCTTATGCGCTTATGCGCTCTTATGACCATGTCCGGGAAAAACCGCGA 2595  
QY 421 CGCTTGGGCTCCAGAGACTGTGAACCTGTGTATGTCAAGATTGCAAGGGATGAGCTAC 480  
Db 2596 CGCTTGGGCTCCAGAGACTGTGAACCTGTGTATGTCAAGATTGCAAGGGATGAGCTAC 2655  
QY 481 CTGAGAGATGTGGGCTGTGACAGGGACTTGGCCGCTGGAAACGCTGTCAAGAT 540  
Db 2656 CTGAGAGATGTGGGCTGTGACAGGGACTTGGCCGCTGGAAACGCTGTCAAGAT 2715  
QY 541 CCCAACATGTCAAAATTACAGATTGCGGCTGTGCTGTGCTGTGACATTGACGAGACA 600  
Db 2716 CCCAACATGTCAAAATTACAGATTGCGGCTGTGCTGTGCTGTGACATTGACGAGACA 2775  
QY 601 GAGTACCAGTCAAGTGGGCGAAGGTGCCATCAAGTGAATGGCGCTGAGTCCATTCTC 660  
Db 2776 GAGTACCAGTCAAGTGGGCGAAGGTGCCATCAAGTGAATGGCGCTGAGTCCATTCTC 2835  
QY 661 CGCGCGGCTTCAACCCACAGAGATGTGTGAGATTATGTGTGATGCTGTGGAGCTG 720  
Db 2836 CGCGCGGCTTCAACCCACAGAGATGTGTGAGATTATGTGTGATGCTGTGGAGCTG 2895  
QY 721 ATGACTTTTGGGCGCAAACTTACGATGGATCCAGCCGCGAGATCCCTGACTGCTG 780  
Db 2896 ATGACTTTTGGGCGCAAACTTACGATGGATCCAGCCGCGAGATCCCTGACTGCTG 2955  
QY 781 GAAAAGGGGAGCGGCTGCCCCAGCCCCCACTGCAACATTGATGTCTATCATGATCATG 840  
Db 2956 GAAAAGGGGAGCGGCTGCCCCAGCCCCCACTGCAACATTGATGTCTATCATGATCATG 3015  
QY 841 GTCAAAATGTTGATGATTTGATCTGATGTCGCGCAAGATTCCGGGAGTTGGTCTGAA 900  
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QY 901 TTCTCCCGCATGGCCAGAGACCCCCAGCGCTTTGTGTCTATCCAGAAATGAGGACTTGG 960  
Db 3076 TTCTCCCGCATGGCCAGAGACCCCCAGCGCTTTGTGTCTATCCAGAAATGAGGACTTGG 3135  
QY 961 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGACGATGATGGGG 1020  
Db 3136 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGACGATGATGGGG 3195  
QY 1021 GACCTGTGATGTGTGAGAGTATCTGTATCCAGAGAGGCTCTTCTGTCCAGACCT 1080  
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QY 1081 GCCCGGGCGCTGGGGCATGTGTCACACAGAGCAGCGAGCTCATCTACAGAGATGGC 1140  
Db 3256 GCCCGGGCGCTGGGGCATGTGTCACACAGAGCAGCGAGCTCATCTACAGAGATGGC 3315  
QY 1141 GGTGGGACCTGACATAGGGCTGAGAGCTCTGAAAGAGAGGCCCCCAAGGTCTTCACTG 1200  
Db 3316 GGTGGGACCTGACATAGGGCTGAGAGCTCTGAAAGAGAGGCCCCCAAGGTCTTCACTG 3375  
QY 1201 GCAACCTCCGAAAGGGGCTGGCTCCGATGTATTGTAGTGTGACTGGGAAATGGGGGCAAGC 1260  
Db 3376 GCAACCTCCGAAAGGGGCTGGCTCCGATGTATTGTAGTGTGACTGGGAAATGGGGGCAAGC 3435  
QY 1261 AAGGGGCTGCAAAAGCTTCCACACATGACCCAGACCTCTTACAGCGGTATCAGTAGAGAC 1320  
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QY 1321 CCCACAGTACCCCTGCTGTGAGACTGATGGCTTACGTTGCCCTCTGACCTGAGACCCC 1380  
Db 3496 CCCACAGTACCCCTGCTGTGAGACTGATGGCTTACGTTGCCCTCTGAGACCCC 3555  
QY 1381 CAGGCTGAATATGTGAACACAGCAGATGTGGGCCCGACCCCTTGGCCCCGAGAGGGC 1440  
Db 3556 CAGGCTGAATATGTGAACACAGCAGATGTGGGCCCGACCCCTTGGCCCCGAGAGGGC 3615  
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QY 1681 ACCTTCAAGGGGACCTTACGGGAGAAACCGAGAGTCTGGGTCTGACGTGCCAGT 1740  
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## RESULT 27

US-10-426-836-11  
; Sequence 11, Application US/10426836  
; Publication No. US20030211530A1  
; GENERAL INFORMATION:  
; APPLICANT: K. Danenberg  
; TITLE OF INVENTION: Method of determining Epidermal Growth  
; Factor Receptor and HER2-Neu Gene Expression  
; TITLE OF INVENTION: and Correlation of Levels Thereof With Survival  
; FILE REFERENCE: 11220/169  
; CURRENT APPLICATION NUMBER: US/10/426,836  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 11  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-426-836-11

Query Match 99.9%; Score 1738.4; DB 15; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 AAGCGACGCGAGCAGAAATCCGGAATACAGATGCGAGACTGTGCAAGAAACGAG 60  
Db 2176 AAGCGACGCGAGCAGAAATCCGGAATACAGATGCGAGACTGTGCAAGAAACGAG 2235  
QY 61 CTGTGAGGCGCTGACACCTAGCGAGCGATGCCAACAGCGCAGATGCGATCTG 120  
Db 2236 CTGTGAGGCGCTGACACCTAGCGAGCGATGCCAACAGCGCAGATGCGATCTG 2295  
QY 121 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGGAGTCTTGGACAGTCTAC 180  
Db 2296 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGGAGTCTTGGAGAGTCTAC 2355  
QY 181 AAGGCACTGGATCCCTGATGGGAGAAATGTGAATAATCCAGTGGCCATCAAAAGTTG 240  
Db 2356 AAGGCACTGGATCCCTGATGGGAGAAATGTGAATAATCCAGTGGCCATCAAAAGTTG 2415  
QY 241 AAGGAAACACATCCCAAGAACCCCAAGAACAAAGAAATCTTAGAGAGATACGTATGCT 300  
Db 2416 AAGGAAACACATCCCAAGAACCCCAAGAACAAAGAAATCTTAGAGAGATACGTATGCT 2475  
QY 301 GGTGTGGCTTCCCATATGTCTCCCGCTTCTGGGCAATTCGCTCGACATCCAGGTGAG 360  
Db 2476 GGTGTGGCTTCCCATATGTCTCCCGCTTCTGGGCAATTCGCTCGACATCCAGGTGAG 2535  
QY 361 CTGTGACACAGCTTATGAGCTGATGCTCTTAAAGCATGTCCGGGAAAAACGCGAGA 420  
Db 2536 CTGTGACACAGCTTATGAGCTGATGCTCTTAAAGCATGTCCGGGAAAAACGCGAGA 2595  
QY 421 CGCTTGGGCTTCCAGAGACTGTGTATGTGATGTGCAAGATTGCAAGGGATGAGCTAC 480

Db 2596 CGCCTGGGCTCCAGGACCTGCTGAACCTGGTATGACGATTTGCAAGGGATAGAGCTAC 2655  
Qy 481 CTGAGAGATGTGGGCTGTGACACAGGAGACTTGGCGGCTGGAGAGTGTGTCAAGT 540  
Db 2656 CTGAGAGATGTGGGCTGTGACACAGGAGACTTGGCGGCTGGAGAGTGTGTCAAGT 2715  
Qy 541 CCCAACCATGTCAAAATTAACAGCTTGGGGTGGCTGGCTGTGACATTGACAGACA 600  
Db 2716 CCCAACCATGTCAAAATTAACAGCTTGGGGTGGCTGGCTGTGACATTGACAGACA 2775  
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Db 2776 GAGTACCATGACATGTGGGGGCAAGGTGCCATCAAGTGAATGGCTGGAGTCCATTCTC 2835  
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Qy 841 GTCAAAATGTTGATGATTTGACTCTGGAATGTGCGGCAAGATTCCGGGAGTGGTCTGAA 900  
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Qy 901 TTCTCCCGCATGGCCAGGAGACCCCAAGCGCTTTGTGTGATCTCAGAAATGAGGACTTGGG 960  
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Qy 961 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGACGATGACATGGGG 1020  
Db 3136 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGACGATGACATGGGG 3195  
Qy 1021 GACTGGTGAATGTGAGAGATCTGTATCCCGAGAGGGCTCTTCTGTCCAGACCT 1080  
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Qy 1081 GCCCGGGGCTGGGGGCAATGTCTCACACAGGACCGAGCTCATCTACAGAGATGGG 1140  
Db 3256 GCCCGGGGCTGGGGGCAATGTCTCACACAGGACCGAGCTCATCTACAGAGATGGG 3315  
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Db 3316 GGTGGGGACTGACATTAAGGGCTGGAGCCCTCTGAAGAAGAGGCCCCCAAGTCTCACTG 3375  
Qy 1201 GCACCCCTCGAAGGGGGTGGCTCCGATGTATTGATGTGACCTGGGAAATGGGGGAGCC 1260  
Db 3376 GCACCCCTCGAAGGGGGTGGCTCCGATGTATTGATGTGACCTGGGAAATGGGGGAGCC 3435  
Qy 1261 AAGGGGCTGAAAGGCTCCCAACATGACCCCAAGCCCTCTACAGCGGTACAGTGAAGAC 1320  
Db 3436 AAGGGGCTGAAAGGCTCCCAACATGACCCCAAGCCCTCTACAGCGGTACAGTGAAGAC 3495  
Qy 1321 CCCACAGTACCCCTGCTGTGACATGATGGCTTGGAGCCCTCTGACCTGAGGCC 1380  
Db 3496 CCCACAGTACCCCTGCTGTGACATGATGGCTTGGAGCCCTCTGACCTGAGGCC 3555  
Qy 1381 CAGCGTGAATATGGAACCAAGCAGATGTTCCGGCCCAAGCCCTTGGCCCGGAGAGGC 1440  
Db 3556 CAGCGTGAATATGGAACCAAGCAGATGTTCCGGCCCAAGCCCTTGGCCCGGAGAGGC 3615  
Qy 1441 CCTTGGCTGTGGCCGACCTGTGTGTGACATCTGGAAGAGGCCCAAGACTCTTCCCA 1500  
Db 3616 CCTTGGCTGTGGCCGACCTGTGTGTGACATCTGGAAGAGGCCCAAGACTCTTCCCA 3675  
Qy 1501 GGGAGGAATGGGGTGTCTAAAGAGCTTTTGGCTTTGGGGGGTGGCTGTGAAGACCCGAG 1560

Db 3676 GGGAGGAATGGGGTGTCTAAAGAGCTTTTGGCTTTGGGGGGTGGCTGTGAAGACCCGAG 3735  
Qy 1561 TACTTGAACACCCAGGAGAGAGTGTCCCTCAGGCCCAACCTCTCTCTTACGCCCA 1620  
Db 3736 TACTTGAACACCCAGGAGAGAGTGTCCCTCAGGCCCAACCTCTCTCTTACGCCCA 3795  
Qy 1621 GCCTTGAACAACCTCTATTACTGGGACCAAGACCCACAGAGCGGGGGCTTCAACCCAGC 1680  
Db 3796 GCCTTGAACAACCTCTATTACTGGGACCAAGACCCACAGAGCGGGGGCTTCAACCCAGC 3855  
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RESULT 28  
US-10-272-437A-27  
; Sequence 27, Application US/10272437A  
; Publication No. US20030216309A1  
; GENERAL INFORMATION:  
; APPLICANT: Krad, David N.  
; APPLICANT: Pero, Stephanie C.  
; APPLICANT: Oligino, Lyn  
; TITLE OF INVENTION: BINDING PEPTIDES SPECIFIC FOR THE EXTRACELLULAR DOMAIN OF ERBB2  
; FILE REFERENCE: V00139.70056.US  
; CURRENT APPLICATION NUMBER: US/10/272,437A  
; PRIOR APPLICATION NUMBER: 2002-10-15  
; PRIOR FILING DATE: 2001-10-12  
; NUMBER OF SEQ ID NOS: 46  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 27  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-272-437A-27  
  
Query Match 99.9%; Score 1738.4; DB 15; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 1 AAGGACGCGAGCAGAGATCCGGAATGACAGATGCGGAGACTGTGACAGAAACGAG 60  
Db 2176 AAGGACGCGAGCAGAGATCCGGAATGACAGATGCGGAGACTGTGACAGAAACGAG 2235  
Qy 61 CTGTGGAGCCGCTGACACTAGCGAGCGATGCCCAACAGGCGCAGATGCGGATCTTG 120  
Db 2236 CTGTGGAGCCGCTGACACTAGCGAGCGATGCCCAACAGGCGCAGATGCGGATCTTG 2295  
Qy 121 AAGAGACGAGCTGAGAGAGTGAAGTGTGGATCTGGCGCTTTGGCAGAGCTAC 180  
Db 2296 AAGAGACGAGCTGAGAGAGTGAAGTGTGGATCTGGCGCTTTGGCAGAGCTAC 2355  
Qy 181 AAGGACATGTATCCCTGATGGGAGAAATGTAATTCAGTGGCATCAAGTGTG 240  
Db 2356 AAGGACATGTATCCCTGATGGGAGAAATGTAATTCAGTGGCATCAAGTGTG 2415  
Qy 241 AAGGAAAAACATCCCAAGCCCAAGCAAAATCTTGAACGAGCATACGTATGCT 300  
Db 2416 AAGGAAAAACATCCCAAGCCCAAGCAAAATCTTGAACGAGCATACGTATGCT 2475  
Qy 301 GGTGTGGGCTCCCATATGTCTCCGCTCTGGGCACTGGCCGATCCACGGTGCAG 360  
Db 2476 GGTGTGGGCTCCCATATGTCTCCGCTCTGGGCACTGGCCGATCCACGGTGCAG 360  
Qy 361 CTGTGACACAGCTTATGCCCTATGTGCTGCTCTTGAACATGTCCGGGAAACCGCGGA 420  
Db 2536 CTGTGACACAGCTTATGCCCTATGTGCTGCTCTTGAACATGTCCGGGAAACCGCGGA 2595  
Qy 421 CGCCTGGGCTCCCAAGACCTGTGAACTGGTGTATGCAATTTGCAAGGGGATGAGCTAC 480  
Db 2596 CGCCTGGGCTCCCAAGACCTGTGAACTGGTGTATGCAATTTGCAAGGGGATGAGCTAC 2655

QY 481 CTGAGAGATGTGGCTGTACACAGGGACTTGCGCTGGAAAGTGTCTCAAGAGT 540  
DB 2656 CTGAGAGATGTGGCTGTACACAGGGACTTGCGCTGGAAAGTGTCTCAAGAGT 2715  
QY 541 CCCAACCATGTCAAAATTACAGACTTGGGCTGGCTGGCTGGCAATTGACAGACA 600  
DB 2716 CCCAACCATGTCAAAATTACAGACTTGGGCTGGCTGGCTGGCAATTGACAGACA 2775  
QY 601 GAGTACCATGACAGATGGGAGGCAAGGTGCCATCAAGTGAATGGGCGCTGAGTCCATTCTC 660  
DB 2776 GAGTACCATGACAGATGGGAGGCAAGGTGCCATCAAGTGAATGGGCGCTGAGTCCATTCTC 2835  
QY 661 CGCGGCGGTTTCCACCAAGATGATGTGAGTTATGATGTGATGTGAGTGTGAGAGTCTG 720  
DB 2836 CGCGGCGGTTTCCACCAAGATGATGTGAGTTATGATGTGATGTGAGTGTGAGAGTCTG 2895  
QY 721 ATGACTTTTGGGCGCAAACTTACAGATGGGATCCAGCGCGGAGATCCCTGACTGCTG 780  
DB 2896 ATGACTTTTGGGCGCAAACTTACAGATGGGATCCAGCGCGGAGATCCCTGACTGCTG 2955  
QY 781 GAAAAGGGAGGAGGCTGCGCCCAAGCCCATCTGACCAATTGATGTCTACATGATCATG 840  
DB 2956 GAAAAGGGAGGAGGCTGCGCCCAAGCCCATCTGACCAATTGATGTCTACATGATCATG 3015  
QY 841 GTCAAAATGTTGATGATTTGAATCTGAAATGTGCGGCAAGATTTCCGGAGTTGTTGTCTGAA 900  
DB 3016 GTCAAAATGTTGATGATTTGAATCTGAAATGTGCGGCAAGATTTCCGGAGTTGTTGTCTGAA 3075  
QY 901 TTTCTCCGCGATGCGCAGGGAACCCCGACGCTTTGTGTGTATCCAGATGAGAGATTGGGC 960  
DB 3076 TTTCTCCGCGATGCGCAGGGAACCCCGACGCTTTGTGTGTATCCAGATGAGAGATTGGGC 3135  
QY 961 CCAGCCAGTCCCTTGGACAGACCTTCTACGCTCACTGTCTGAGAGACATGACATGGAG 1020  
DB 3136 CCAGCCAGTCCCTTGGACAGACCTTCTACGCTCACTGTCTGAGAGACATGACATGGAG 3195  
QY 1021 GACCTGTGTGATCTGAGAGATCTGTGTAACCCAGAGAGGCTTTCTGTCCAGACCTT 1080  
DB 3196 GACCTGTGTGATCTGAGAGATCTGTGTAACCCAGAGAGGCTTTCTGTCCAGACCTT 3255  
QY 1081 GCGCCCGGCGCTGGGAGGATGTGTACACAGAGACCCGAGCTCATTTACAGAGATGGC 1140  
DB 3256 GCGCCCGGCGCTGGGAGGATGTGTACACAGAGACCCGAGCTCATTTACAGAGATGGC 3315  
QY 1141 GGTGGGAGCTTGAACATGAGGCTGTGAGACCTCTGAAGAAGAGAGGCCCAAGTCTCCACTG 1200  
DB 3316 GGTGGGAGCTTGAACATGAGGCTGTGAGACCTCTGAAGAAGAGAGGCCCAAGTCTCCACTG 3375  
QY 1201 GCAACCTCCGAAAGGGGCTGCTCCGATGTATTTGATGTGTGACCTGGAAATGGGGGACGCC 1260  
DB 3376 GCAACCTCCGAAAGGGGCTGCTCCGATGTATTTGATGTGTGACCTGGAAATGGGGGACGCC 3435  
QY 1261 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGGCTCTTACAGCGGTACAGTGAAGAC 1320  
DB 3436 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGGCTCTTACAGCGGTACAGTGAAGAC 3495  
QY 1321 CCCACAGTACCCCTGCTGAGACTGATGAGTGAAGTGGGCGCCCTGACCTGACAGGCC 1380  
DB 3496 CCCACAGTACCCCTGCTGAGACTGATGAGTGAAGTGGGCGCCCTGACCTGACAGGCC 3555  
QY 1381 CAGCCTGAATATGTGAACACAGCCAGATGTTCCGCCCCAGGCCCTTTCGCCCGAGAGGC 1440  
DB 3556 CAGCCTGAATATGTGAACACAGCCAGATGTTCCGCCCCAGGCCCTTTCGCCCGAGAGGC 3615  
QY 1441 CCTGTGCTGTCTGCGGACCTGCTGTGTGCACTTGTGAAGAGCCCAAGACTCTTCTCCCA 1500  
DB 3616 CCTGTGCTGTCTGCGGACCTGCTGTGTGCACTTGTGAAGAGCCCAAGACTCTTCTCCCA 3675  
QY 1501 GGGAGAATAGGGGCTGCAAAAGAGCTTTTGGCTTTGGGGGCTGCGAGGAACCCGAG 1560  
DB 3676 GGGAGAATAGGGGCTGCAAAAGAGCTTTTGGCTTTGGGGGCTGCGAGGAACCCGAG 3735

QY 1561 TACTTGAACCCCGAGAGAGAGCTGCCCTCAAGCCCACTTCTCTGCTTCAAGCCA 1620  
DB 3736 TACTTGAACCCCGAGAGAGAGCTGCCCTCAAGCCCACTTCTCTGCTTCAAGCCA 3795  
QY 1621 GCGTTGACAACTCTATTACTGAGGACAGGACCCACAGAGGGGGGCTCCAGCCAGC 1680  
DB 3796 GCGTTGACAACTCTATTACTGAGGACAGGACCCACAGAGGGGGGCTCCAGCCAGC 3855  
QY 1681 ACCTTAAAGGAGACACTACGAGAGAAACCAAGATACCTGGGTCTGACGTCAGTG 1740  
DB 3856 ACCTTAAAGGAGACACTACGAGAGAAACCAAGATACCTGGGTCTGACGTCAGTG 3915

RESULT 29  
US-10-117-937-595  
; Sequence 595, Application US/10117937  
; Publication No. US20030220239A1  
; GENERAL INFORMATION:  
; APPLICANT: CTL IMMUNO THERAPIES CORP.  
; APPLICANT: SIMARD, John, J.L.  
; APPLICANT: DIAMOND, David, C.  
; APPLICANT: LIU, Liping  
; APPLICANT: XIE, Zhidong  
; TITLE OF INVENTION: EPITOPE SEQUENCES  
; FILE REFERENCE: CTUIMW.027A  
; CURRENT APPLICATION NUMBER: US/10/117,937  
; CURRENT FILING DATE: 2002-04-04  
; PRIOR APPLICATION NUMBER: US 60/282,211  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/337,017  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: US 60/363,210  
; PRIOR FILING DATE: 2002-03-07  
; NUMBER OF SEQ ID NOS: 602  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 595  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-10-117-937-595

Query Match 99.9%; Score 1738.4; DB 15; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 AAGCAGCGGAGAGAAATCCGAAATACAGATGCGAGACTGTGACAGAAACGAG 60  
DB 2176 AAGCAGCGGAGAGAAATCCGAAATACAGATGCGAGACTGTGACAGAAACGAG 2235  
QY 61 CTGTGAGAGCGGTGACACCTAGCGAGCGATGCCCAACGAGCGAGATGCGATCTTG 120  
DB 2236 CTGTGAGAGCGGTGACACCTAGCGAGCGATGCCCAACGAGCGAGATGCGATCTTG 2295  
QY 121 AAGAGACGAGAGCTGAGAGAAAGTGAAGTCTGTGATCTGGCCCTTTGGCAAGTCTAC 180  
DB 2296 AAGAGACGAGAGCTGAGAGAAAGTGAAGTCTGTGATCTGGCCCTTTGGCAAGTCTAC 2355  
QY 181 AAGGCACTGTGATCCCTGATGAGGAGAAATGTGAAAAATTCAGTGGCCATCAAAAGTGTG 240  
DB 2356 AAGGCACTGTGATCCCTGATGAGGAGAAATGTGAAAAATTCAGTGGCCATCAAAAGTGTG 2415  
QY 241 AAGGAAAAACATCCCCCAAAAGCAACAAAGAAATCTTAGACGAAGCATACGTGATGCT 300  
DB 2416 AAGGAAAAACATCCCCCAAAAGCAACAAAGAAATCTTAGACGAAGCATACGTGATGCT 3075  
QY 301 GGTGTGGGCTCCCAATATGTCTCCCGCTTCTGGGCACTGTGCTGACATCAAGTGTGAG 360  
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QY 361 CTGTGACACAGCTTATAGCTTATGCTGCTCTTGAACCATGATCCGGGAAAAACCGGGA 420  
DB 2536 CTGTGACACAGCTTATAGCTTATGCTGCTCTTGAACCATGATCCGGGAAAAACCGGGA 2595

QY 421 GCGCTGGGCTCCAGAGCTGCTGATGTGATGCAAGATTGCGCAAGGGAGTAC 480  
DB 2596 GCGCTGGGCTCCAGAGCTGCTGATGTGATGCAAGATTGCGCAAGGGAGTAC 2655  
QY 481 CTGAGAGATGTCGGCTGCTGATGCAAGAGGACTTGGCCCTCGGAACTGCTGTGTAAGAGT 540  
DB 2656 CTGAGAGATGTCGGCTGCTGATGCAAGAGGACTTGGCCCTCGGAACTGCTGTGTAAGAGT 2715  
QY 541 CCCAAGCATGTCAAAATTACAGACTTGGGCTGCTGCTGCTGCAATTGACAGAGCA 600  
DB 2716 CCCAAGCATGTCAAAATTACAGACTTGGGCTGCTGCTGCTGCAATTGACAGAGCA 2775  
QY 601 GAGTACCATGCAAGATGGGGGCAAGGTGCCATCAAGTGAATGGCGCTGAGTCCATTCTC 660  
DB 2776 GAGTACCATGCAAGATGGGGGCAAGGTGCCATCAAGTGAATGGCGCTGAGTCCATTCTC 2835  
QY 661 GCGCGGGGCTTACCCACAGAGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 720  
DB 2836 GCGCGGGGCTTACCCACAGAGTGTGTGAGTTATGTGTGACTGTGTGGAGCTG 2895  
QY 721 ATGACTTTTGGGGCAAACTTACATGAGATCCAGCGCGGAGATCCCTGACCTGCTG 780  
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QY 901 TTCTCCCGCAGGCGCAGGAGACCCCGAGGCTTTGTGATCAAGAAATGAGAGCTTGGGC 960  
DB 3076 TTCTCCCGCAGGCGCAGGAGACCCCGAGGCTTTGTGATCAAGAAATGAGAGCTTGGGC 3135  
QY 961 CCAAGCAGTCCCTTGAAGAGACCTTCAACGCTCACTGTGAGAGAGATGATGAGG 1020  
DB 3136 CCAAGCAGTCCCTTGAAGAGACCTTCAACGCTCACTGTGAGAGAGATGATGAGG 3195  
QY 1021 GACTGTGTGATGCTGAGAGATATCTGTATCCCAAGAGGCTTCTTCTGTCAGACCT 1080  
DB 3196 GACTGTGTGATGCTGAGAGATATCTGTATCCCAAGAGGCTTCTTCTGTCAGACCT 3255  
QY 1081 GCGCCGGGCGCTGGGGGATGTGTCAACAGAGGAGCCGATCTACAGAGAGTGGC 1140  
DB 3256 GCGCCGGGCGCTGGGGGATGTGTCAACAGAGGAGCCGATCTACAGAGAGTGGC 3315  
QY 1141 GGTGGGAGCTGACATTAAGGCTGTGAGCCCTCTGAAGAGAGGAGCCCAAGGTTCTCACTG 1200  
DB 3316 GGTGGGAGCTGACATTAAGGCTGTGAGCCCTCTGAAGAGAGGAGCCCAAGGTTCTCACTG 3375  
QY 1201 GCACCTTCCGAAGGGGCTGCTCCGATGTATTTGATGTGACCTGGGAATGGGGCAGCC 1260  
DB 3376 GCACCTTCCGAAGGGGCTGCTCCGATGTATTTGATGTGACCTGGGAATGGGGCAGCC 3435  
QY 1261 AAGGGGCTGCAAAAGCTCCCAACATGAGCCCAAGCCCTCAACGGGTACAGTGAAGAC 1320  
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DB 3496 CCCAAGTACCCCTGCTGAGACTGATGAGTACGTTGGCCCTCTGACCTGAGGCCCC 3555  
QY 1381 CAGGCTGATATGTGAACCAAGCAGATGTTGGCCCCAGCCCTTGGCCCCGAGAGGCC 1440  
DB 3556 CAGGCTGATATGTGAACCAAGCAGATGTTGGCCCCAGCCCTTGGCCCCGAGAGGCC 3615  
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DB 3676 GGGAGGAATGGGTCGTCAAGAGCGTTTGTGCTTTGGGGGTGCGTGGAGAACCCCGAG 3735  
QY 1561 TACTTGCACCCCAAGGAGAGGCTGCGCAGGCCCAACCTCCTGCTTCAAGCCCA 1620  
DB 3736 TACTTGCACCCCAAGGAGAGGCTGCGCAGGCCCAACCTCCTGCTTCAAGCCCA 3795  
QY 1621 GCTTTCGACAACTCTATTACTGAGGACAGACCCACAGAGCGGGGGCTCCACCGAGC 1680  
DB 3796 GCTTTCGACAACTCTATTACTGAGGACAGACCCACAGAGCGGGGGCTCCACCGAGC 3855  
QY 1681 ACCTTCAAGGAGACCTTACGGCAGAGAACCCAGAGTACTTGGGTCTGAGCTGCCAGTG 1740  
DB 3856 ACCTTCAAGGAGACCTTACGGCAGAGAACCCAGAGTACTTGGGTCTGAGCTGCCAGTG 3915

## RESULT 30

US-10-392-113-45  
Sequence 45, Application US/10392113  
Publication No. US20030224993A1  
GENERAL INFORMATION:  
APPLICANT: Land, Hartmut  
APPLICANT: Deleu, Laurent  
TITLE OF INVENTION: COMPOSITIONS THAT INHIBIT PROLIFERATION  
FILE REFERENCE: 21108.0005U3  
CURRENT APPLICATION NUMBER: US/10/392,113  
CURRENT FILING DATE: 2003-03-17  
PRIOR APPLICATION NUMBER: 60/365,078  
PRIOR FILING DATE: 2002-03-15  
PRIOR APPLICATION NUMBER: PCT/US01/32127  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 60/239,705  
PRIOR FILING DATE: 2000-10-12  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 45  
LENGTH: 4530  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: /Note =  
US-10-392-113-45

Query Match 99.9%; Score 1738.4; DB 15; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 AAGGACGGGAGAGAGATCCGGAAGTACAGCATGCGGAGACTGTGCAAGAAACGAG 60  
DB 2176 AAGGACGGGAGAGAGATCCGGAAGTACAGCATGCGGAGACTGTGCAAGAAACGAG 2235  
QY 61 CTGGTGAAGCCGCTGACACCTTAAGGAGGAGTCCCAACAGGCGCAGATGCGGATCTTG 120  
DB 2236 CTGGTGAAGCCGCTGACACCTTAAGGAGGAGTCCCAACAGGCGCAGATGCGGATCTTG 2295  
QY 121 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGGATCTGCGCTTTTGGCAAGTCTAC 180  
DB 2296 AAGAGACGAGAGCTGAGAGAGTGAAGTCTTGGATCTGCGCTTTTGGCAAGTCTAC 2355  
QY 181 AAGGACATCTGATCCCTGATGGGAGAGATGTGAATTCAGTGGCCATCAAGGTGTTG 240  
DB 2356 AAGGACATCTGATCCCTGATGGGAGAGATGTGAATTCAGTGGCCATCAAGGTGTTG 2415  
QY 241 AAGGAAACACATCTCCCAAGCCCAACAAAGAAATCTTAAAGCAAGCATACGTATGCT 300  
DB 2416 AAGGAAACACATCTCCCAAGCCCAACAAAGAAATCTTAAAGCAAGCATACGTATGCT 2475  
QY 301 GGTGTGGGCTCCCATATGTCTCCCGCTTCTGGGCACTGCGCATCATCAGGTGACG 360  
DB 2476 GGTGTGGGCTCCCATATGTCTCCCGCTTCTGGGCACTGCGCATCATCAGGTGACG 2535

QY 361 CTGGTACACAGCTTATGCTCTGCTCTTAAACATGTCGGGAAAAACCGCGGA 420  
Db 2536 CTGGTACACAGCTTATGCTCTGCTCTTAAACATGTCGGGAAAAACCGCGGA 2595  
QY 421 CGCTGGGCTCCAGAGCCTGCTGAATGCTGATGAGATGCGCAAGGGGATGAGCTAC 480  
Db 2596 CGCTGGGCTCCAGAGCCTGCTGAATGCTGATGAGATGCGCAAGGGGATGAGCTAC 2655  
QY 481 CTGAGAGATGCGCTGCTGACACAGGGAATTGCGCTCGGAACTGCTGCTCAAGAT 540  
Db 2656 CTGAGAGATGCGCTGCTGACACAGGGAATTGCGCTCGGAACTGCTGCTCAAGAT 2715  
QY 541 CCCAACATGTCAAAATTACAGACTTGGGCTGCTGCTGCTGACATTTGACAGACA 600  
Db 2716 CCCAACATGTCAAAATTACAGACTTGGGCTGCTGCTGCTGACATTTGACAGACA 2775  
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Db 2776 GAGTACCATGACAGTGGGGGCAAGGTGCTCATCAAGTGAATGGGCTGAGATCCATCTC 2835  
QY 661 CGCGCGGCTTCAACCAAGATGATGATGATGATGATGATGATGATGATGATGATGATG 720  
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QY 721 ATGACTTTTGGGGCCAACTTACAGATGGGATCCAGCCGGGAGATCCCTGACTGCTG 780  
Db 2896 ATGACTTTTGGGGCCAACTTACAGATGGGATCCAGCCGGGAGATCCCTGACTGCTG 2955  
QY 781 GAAAAGGGGAGGGGCTGCGCCAGCCCCCATCGACACATGATGCTCATGATGATG 840  
Db 2956 GAAAAGGGGAGGGGCTGCGCCAGCCCCCATCGACACATGATGCTCATGATGATG 3015  
QY 841 GTCAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 3016 GTCAATGTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3075  
QY 901 TTCTCCCGGATGCGCAGAGAACCCCAAGCTTTTGTGCTATCCAGATGAGACTTGGGC 960  
Db 3076 TTCTCCCGGATGCGCAGAGAACCCCAAGCTTTTGTGCTATCCAGATGAGACTTGGGC 3135  
QY 961 CCAGCCAGTCCCTTGAAGAGACCTTCTACCGGCTCATGCTGAGAGAGAGATGAGAG 1020  
Db 3136 CCAGCCAGTCCCTTGAAGAGACCTTCTACCGGCTCATGCTGAGAGAGAGATGAGAG 3195  
QY 1021 GACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080  
Db 3196 GACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3255  
QY 1081 GCGCCGGGCGCTGGGGGATGCTGACACAGGACCGGAGCTATCTTACAGAGATGGC 1140  
Db 3256 GCGCCGGGCGCTGGGGGATGCTGACACAGGACCGGAGCTATCTTACAGAGATGGC 3315  
QY 1141 GGTGGGAGCTGACACTAGAGGCTGAGAGCCCTCTGAAGAGAGAGGCGCCAGGCTCCA 1200  
Db 3316 GGTGGGAGCTGACACTAGAGGCTGAGAGCCCTCTGAAGAGAGAGGCGCCAGGCTCCA 3375  
QY 1201 GCAACCTTCGAAGAGGCTGCTCCGATGATTTTGAATGATGATGATGATGATGATG 1260  
Db 3376 GCAACCTTCGAAGAGGCTGCTCCGATGATTTTGAATGATGATGATGATGATGATG 3435  
QY 1261 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGCCCTCTTACAGCGGCTTACAGAG 1320  
Db 3436 AAGGGGCTGCAAAAGCTTCCCAACATGACCCAGCCCTCTTACAGCGGCTTACAGAG 3495  
QY 1321 CCCACATGACCCCTGCTGAGACTGATGATGATGATGATGATGATGATGATGATGATG 1380  
Db 3496 CCCACATGACCCCTGCTGAGACTGATGATGATGATGATGATGATGATGATGATGATG 3555  
QY 1381 CAGGCTGAATATGTAACACAGCCAGATGTTGCGCCCGAGCCCTTGCCTCGAGAGG 1440  
Db 3556 CAGGCTGAATATGTAACACAGCCAGATGTTGCGCCCGAGCCCTTGCCTCGAGAGG 3615  
QY 1441 CTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500

Db 3616 CCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3675  
QY 1501 GGGAGAAATGGGCTGCTCAAAAGAGCTTTTGGGCTTGGGCTGAGAAACCCGAG 1560  
Db 3676 GGGAGAAATGGGCTGCTCAAAAGAGCTTTTGGGCTTGGGCTGAGAAACCCGAG 3735  
QY 1561 TACTTGAACCCAGAGAGAGAGCTGCCCTCAGCCCCCACCCTCTCTGCTTCAAGCCA 1620  
Db 3736 TACTTGAACCCAGAGAGAGAGCTGCCCTCAGCCCCCACCCTCTCTGCTTCAAGCCA 3795  
QY 1621 GCCTTGAACAACCTTATTAATGAGGACAGGACCCACAGAGGAGGAGGCTCCAGCCAG 1680  
Db 3796 GCCTTGAACAACCTTATTAATGAGGACAGGACCCACAGAGGAGGAGGCTCCAGCCAG 3855  
QY 1681 ACCTTGAAGGAGACCTTACAGGAGAAACCCAGAGTACTGAGTCTGAGAGTGA 1740  
Db 3856 ACCTTGAAGGAGACCTTACAGGAGAAACCCAGAGTACTGAGTCTGAGAGTGA 3915

RESULT 31  
US-10-159-563-208  
; Sequence 208, Application US/10159563  
; Publication No. US20040009154A1  
; GENERAL INFORMATION:  
; APPLICANT: Khan, Javed  
; APPLICANT: Ringner, Markus  
; APPLICANT: Petersen, Carsten  
; APPLICANT: Melzer, Paul  
; TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR  
; TITLE OF INVENTION: DIAGNOSIS AND FOR TREATING THE THERAPY OF SELECT CANCERS  
; FILE REFERENCE: 11613.560511  
; CURRENT APPLICATION NUMBER: US/10/159, 563  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 10/133, 937  
; PRIOR FILING DATE: 2002-04-25  
; NUMBER OF SEQ ID NOS: 444  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 208  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-159-563-208

Query Match 99.9%; Score 1738.4; DB 16; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 AACGACGCGAGACAGAAATCCGGAATGACAGATCGGAGACTGCTGACGAAACGAG 60  
Db 2176 AACGACGCGAGACAGAAATCCGGAATGACAGATCGGAGACTGCTGACGAAACGAG 2235  
QY 61 CTGGTGGAGCGGCTGACACTTACGAGAGATGCCCAACAGGCGCAGATGCGGATCTG 120  
Db 2236 CTGGTGGAGCGGCTGACACTTACGAGAGATGCCCAACAGGCGCAGATGCGGATCTG 2295  
QY 121 AAAAGACGAGAGCTGAGAAAGTGAAGTGTGATCTTGAGCTTGGCGCTTTGGCACAGTCTAC 180  
Db 2296 AAAAGACGAGAGCTGAGAAAGTGAAGTGTGATCTTGAGCTTGGCGCTTTGGCACAGTCTAC 2355  
QY 181 AAGGGCTTGTGATCCCTGATGAGGAGAAATGTGAAATTCACATGGCCATCAAAAGCTTG 240  
Db 2356 AAGGGCTTGTGATCCCTGATGAGGAGAAATGTGAAATTCACATGGCCATCAAAAGCTTG 2415  
QY 241 AAGGAAACACATCCCAAGGCAACAAAGAAATCTTAGACGAGAGATGATGATGATG 300  
Db 2416 AAGGAAACACATCCCAAGGCAACAAAGAAATCTTAGACGAGAGATGATGATGATGATG 2475  
QY 301 GGTGTGGGCTCCCATATGCTCTCGGCTTCTGGGCACTGCTGACATCAAGTGCAG 360  
Db 2476 GGTGTGGGCTCCCATATGCTCTCGGCTTCTGGGCACTGCTGACATCAAGTGCAG 2535  
QY 361 CTGGTACACAGCTTATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420

Dp	2536	CTGGTGAACAAGCTTATGCGCCATATGGCTGCTCTTAAACATATGTCGGGAAACCGCGGA	2595
Qy	421	CGCCTGGGCTCCAGGACCTGCTGAACTGTGTATGACAGATTGCCAAGGGATGAGCTAC	480
Dp	2596	CGCCTGGGCTCCAGGACCTGCTGAACTGTGTATGACAGATTGCCAAGGGATGAGCTAC	2655
Qy	481	CTGGAGGATGTGCGGCTGTGACACAGGGACTTGGCCCTCGGAAGTGTCTGTCAAGT	540
Dp	2656	CTGGAGGATGTGCGGCTGTGACACAGGGACTTGGCCCTCGGAAGTGTCTGTCAAGT	2715
Qy	541	CCCAACCATGTCAAAATTACAGACTTGGGGCTGGCTCGGCTGTGGAATTGACGAGACA	600
Dp	2716	CCCAACCATGTCAAAATTACAGACTTGGGGCTGGCTCGGCTGTGGAATTGACGAGACA	2775
Qy	601	GAGTACCATGACAGATGGGGGCAAGGTGCCATCAATGATGCGCTGGAGTCCATTCTC	660
Dp	2776	GAGTACCATGACAGATGGGGGCAAGGTGCCATCAATGATGCGCTGGAGTCCATTCTC	2835
Qy	661	CGCCGGCGGTTCACCCACACAGATGATGTGTGAGATTATGGTGTGACTGTGTGGAGCTG	720
Dp	2836	CGCCGGCGGTTCACCCACACAGATGATGTGTGAGATTATGGTGTGACTGTGTGGAGCTG	2895
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Dp	2896	ATGACTTTTGGGGCCAAACCTTACGATGGAGTCCAGGCCGGGAGATCCCTGACCTGCTG	2955
Qy	781	GAAAAAGGGGAGCGGCTGCCAGCCCCCACCATTGACCATTTGATGATGATGATCATG	840
Dp	2956	GAAAAAGGGGAGCGGCTGCCAGCCCCCACCATTGACCATTTGATGATGATGATCATG	3015
Qy	841	GTCAAAATTGGATGATTTGACTCTGTAATGTGTGGCCAGATTTCCGGAGATTGTGTCTGAA	900
Dp	3016	GTCAAAATTGGATGATTTGACTCTGTAATGTGTGGCCAGATTTCCGGAGATTGTGTCTGAA	3075
Qy	901	TTCTCCGCGATAGGCCAGGAGACCCCGAGGCTTTGTGTGATCAACGAAATGAGACCTTGGGC	960
Dp	3076	TTCTCCGCGATAGGCCAGGAGACCCCGAGGCTTTGTGTGATCAACGAAATGAGACCTTGGGC	3135
Qy	961	CCAGCAGTCCCTTGGACAGACCTTCTACCGCTCATCTGTGAGAGACGATGACATGGGG	1020
Dp	3136	CCAGCAGTCCCTTGGACAGACCTTCTACCGCTCATCTGTGAGAGACGATGACATGGGG	3195
Qy	1021	GACCTGTGTGATGCTGAGAGATGATCTGTATCCCGACGAGGCTTCTTGTCTCAGACCTT	1080
Dp	3196	GACCTGTGTGATGCTGAGAGATGATCTGTATCCCGACGAGGCTTCTTGTCTCAGACCTT	3255
Qy	1081	GCCCCGGGCGGTGGGGGAGATGATCTCACACAGGACCGGCACTCATCTACAGAGTGGC	1140
Dp	3256	GCCCCGGGCGGTGGGGGAGATGATCTCACACAGGACCGGCACTCATCTACAGAGTGGC	3315
Qy	1141	GGTGGGAGCTGACACTGAGGCTGAGGCGCTCTTAAGAGAGAGGCCCCAGGCTTCCA CTG	1200
Dp	3316	GGTGGGAGCTGACACTGAGGCTGAGGCGCTCTTAAGAGAGAGGCCCCAGGCTTCCA CTG	3375
Qy	1201	GCACCTCTCGAAGGGGCTGGCTCCGATGTATTGATGTGACCTGTGGAA TGGGGGAGCC	1260
Dp	3376	GCACCTCTCGAAGGGGCTGGCTCCGATGTATTGATGTGACCTGTGGAA TGGGGGAGCC	3435
Qy	1261	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTACACGCGGTACATGAGAGC	1320
Dp	3436	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTACACGCGGTACATGAGAGC	3495
Qy	1321	CCCAACAGTACCCCTGCGCTCTGAGACTGATGGCTACGTTGCCCCCTGACCTGCAAGCCCC	1380
Dp	3496	CCCAACAGTACCCCTGCGCTCTGAGACTGATGGCTACGTTGCCCCCTGACCTGCAAGCCCC	3555
Qy	1381	CAGCCTGAATATGTGAACCAAGCCAGATGTTGGGCCCAAGCCCCCTTGGCCCCGAGAGGGC	1440
Dp	3556	CAGCCTGAATATGTGAACCAAGCCAGATGTTGGGCCCAAGCCCCCTTGGCCCCGAGAGGGC	3615
Qy	1441	CCTCTGCTGTGCTGCCGACCTGCTGTGTGACACTGTGAAAGGCCAAGACTTCTTCCCCA	1500

Db		3616	CCTCGCCGTCGTGCCCGACCTGCTGGTGCCACTCTGGAAGGCGCAACAATCTCTCCCCA	3675
Oy		1501	GCGAGAATGGGGTCTGTAAGAAGCTTTTGGCTTTGGGGGTGCCTGGAGAACCCCGAG	1560
Db		3676	GCGAGAATGGGGTCTGTAAGAAGCTTTTGGCTTTGGGGGTGCCTGGAGAACCCCGAG	3735
Oy		1561	TACTTGACACCCCGAGGAGAGCTGCCCTCAGCCCCACCCTCCTCTGCTTAGGCCCA	1620
Db		3736	TACTTGACACCCCGAGGAGAGCTGCCCTCAGCCCCACCCTCCTCTGCTTAGGCCCA	3795
Oy		1621	GCGTTGACAACTCTATTACTGGAGCACGAGACCCACAGACGGGGGCTCCACCAGC	1680
Db		3796	GCGTTGACAACTCTATTACTGGAGCACGAGACCCACAGACGGGGGCTCCACCAGC	3855
Oy		1681	ACCTTCAAAAGGACACCTACGGGACAGAAACCAAGATACCTGGTCTTGAAGTGCAGTG	1740
Db		3856	ACCTTCAAAAGGACACCTACGGGACAGAAACCAAGATACCTGGTCTTGAAGTGCAGTG	3915
 RESULT 32 US-10-435-696-10 ; Sequence 10, Application US/10435696 ; Publication No. US20040018525A1 ; GENERAL INFORMATION: ; APPLICANT: Wirtz, Ralph ; APPLICANT: Munnes, Marc ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS ; FILE REFERENCE: Lea 36, 108 ; CURRENT APPLICATION NUMBER: US/10/435,696 ; PRIOR FILING DATE: 2003-05-09 ; PRIOR APPLICATION NUMBER: EP03003112.4 ; PRIOR FILING DATE: 2003-02-13 ; PRIOR APPLICATION NUMBER: EP0210291.9 ; PRIOR FILING DATE: 2002-05-21 ; NUMBER OF SEQ ID NOS: 314 ; SOFTWARE: Patencin version 3.1 ; SEQ ID NO 10 ; LENGTH: 4530 ; TYPE: DNA ; ORGANISM: Homo sapiens US-10-435-696-10				
 .Query Match                      99.9%; Score 1738.4; DB 16; Length 4530; Best Local Similarity    99.9%; Pred. No. 0; Matches 1739; Conservative    0; Mismatches    1; Indels    0; Gaps    0;				
Oy		1	AAGGACGGCAGCAGAGATCCGGAAGTACAGATGCGAGACTGTGACAGAAACGAG	60
Db		2176	AAGGACGGCAGCAGAGATCCGGAAGTACAGATGCGAGACTGTGACAGAAACGAG	2235
Oy		61	CTGGTGGAGCCGCTGACACTTAGCCGAGCATGCCCAAACGAGGCGAGATCCGATCCTG	120
Db		2236	CTGGTGGAGCCGCTGACACTTAGCCGAGCATGCCCAAACGAGGCGAGATCCGATCCTG	2295
Oy		121	AAAGAGACGAGCTGAGAAAGTGAAGTGTCTGATCTGACGCTTTTGGACAGTCTAC	180
Db		2296	AAAGAGACGAGCTGAGAAAGTGAAGTGTCTGATCTGACGCTTTTGGACAGTCTAC	2355
Oy		181	AAGGCAATCTGATCCCTGATGGGAGAAATGTGAAATTCAGTGGCCATCAAAAGTTTG	240
Db		2356	AAGGCAATCTGATCCCTGATGGGAGAAATGTGAAATTCAGTGGCCATCAAAAGTTTG	2415
Oy		241	AAGGAAAAACATCCCCCAAAGCCAAAGAAATCTTAACGAAGCATACGTATGGCT	300
Db		2416	AAGGAAAAACATCCCCCAAAGCCAAAGAAATCTTAACGAAGCATACGTATGGCT	2475
Oy		301	GGTGGAGGCTCCCATATGTCTCCCGCTTCTGGGCACTGCGCTGACATCCAGGTGCG	360
Db		2476	GGTGGAGGCTCCCATATGTCTCCCGCTTCTGGGCACTGCGCTGACATCCAGGTGCG	2535
Oy		361	CTGGTGACACAGCTTATGCGCTATGGCTGCTCTTGAACCATGTCCGGAAAAACCGCGGA	420



Db	2536	CTGTGTGACACAGCTTTATGCCCTTATGGCTGCTTTAAGCCATGTCGCGGAAAACCGGCGA	2595
QY	421	CGCTGGGGCTCCAGAGACTTGCTGAACGTGTATGACAGATTGCGCAAGGGATGAGCTTAC	480
Db	2596	CGCTGGGGCTCCAGAGACTTGCTGAACGTGTATGACAGATTGCGCAAGGGATGAGCTTAC	2655
QY	481	CTGAGAGATGTCGGGCTGCTGACACAGGGACCTTGGCCCTGGGAAACGTGCTGATCAAGAT	540
Db	2656	CTGAGAGATGTCGGGCTGCTGACACAGGGACCTTGGCCCTGGGAAACGTGCTGATCAAGAT	2715
QY	541	CCCAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGGCTGACATTGACGAGACA	600
Db	2716	CCCAACCATGTCAAAATTACAGACTTGGGGCTGGCTGGCTGGCTGACATTGACGAGACA	2775
QY	601	GAGTACCATGACAGATGGGGGGCAAGGTGCCATCAATGAGATGCGCGCTGAGATCCATTCTC	660
Db	2776	GAGTACCATGACAGATGGGGGGCAAGGTGCCATCAAGTGAAGTGGGGCTGAGATCCATTCTC	2835
QY	661	CGCGGGCGGTTCACCCACACAGAGTATGTGAGATTATGGTGTGACCTGTGTGGGAGACTG	720
Db	2836	CGCGGGCGGTTCACCCACACAGAGTATGTGAGATTATGGTGTGACCTGTGTGGGAGACTG	2895
QY	721	ATGACTTTTGGGGCCAAACTTTACAGATGGATCCAGCCGGGAGATCCTGACTGCTGCTG	780
Db	2896	ATGACTTTTGGGGCCAAACTTTACAGATGGATCCAGCCGGGAGATCCTGACTGCTGCTG	2955
QY	781	GAAAAAGGGGGAGCGGCTGCCCCACGCCCATCTGACACATTGATGTCATATGATCATG	840
Db	2956	GAAAAAGGGGGAGCGGCTGCCCCACGCCCATCTGACACATTGATGTCATATGATCATG	3015
QY	841	GTCAAAATTTGGATGATTGACTCTGGAATGTGCGCCAAAGATTCGSGAGATTGGTGTGAA	900
Db	3016	GTCAAAATTTGGATGATTGACTCTGGAATGTGCGCCAAAGATTCGSGAGATTGGTGTGAA	3075
QY	901	TTCTTCGCCGATGCGCCAGGAGACCCCGAGGCTTTTGTGTGATTCACGAATAGAGACTTGGGC	960
Db	3076	TTCTTCGCCGATGCGCCAGGAGACCCCGAGGCTTTTGTGTGATTCACGAATAGAGACTTGGGC	3135
QY	961	CCAGCGAGTCCCTTTGGAACAGCACTTCTACAGCTCATCTGCTGAGAGACGATGACATGGGG	1020
Db	3136	CCAGCGAGTCCCTTTGGAACAGCACTTCTACAGCTCATCTGCTGAGAGACGATGACATGGGG	3195
QY	1021	GACTGTGTGATGCTGAGAGATCTGTGATCCCGACAGGGCTTTCTGTGTCAGACCTT	1080
Db	3196	GACTGTGTGATGCTGAGAGATCTGTGATCCCGACAGGGCTTTCTGTGTCAGACCTT	3255
QY	1081	GCCCCGGGGCGTGGGGGGCATGGTGCACACAGGACCGGCACTCATCTACAGGAGTGGC	1140
Db	3256	GCCCCGGGGCGTGGGGGGCATGGTGCACACAGGACCGGCACTCATCTACAGGAGTGGC	3315
QY	1141	GGTGGGGACCTGACACTAGAGGGCTGAGGCTCTCTGAAGAGAGAGGCCCCAGGTCTTCACTG	1200
Db	3316	GGTGGGGACCTGACACTAGAGGGCTCTCTCTGAAGAGAGAGGCCCCAGGTCTTCACTG	3375
QY	1201	GCACTCTCCGAAGGGGGCTGGCTCCGATGTATTGATGATGATGACCTGAGGAATGGGGGCAACC	1260
Db	3376	GCACTCTCCGAAGGGGGCTGGCTCCGATGTATTGATGATGATGACCTGAGGAATGGGGGCAACC	3435
QY	1261	AAGGGGCTGCAAAAGCTCCCAACATGACCCCAAGCCCTTACACAGCGGTACAGTGAAGAC	1320
Db	3436	AAGGGGCTGCAAAAGCTCCCAACATGACCCCAAGCCCTTACACAGCGGTACAGTGAAGAC	3495
QY	1321	CCACACAGTACCCCTGCTCCTCTTGAGACTATGACTAGTGTGCCCTTGAACCTGACGAGCCC	1380
Db	3496	CCACACAGTACCCCTGCTCCTCTTGAGACTATGACTAGTGTGCCCTTGAACCTGACGAGCCC	3555
QY	1381	CAGCCTGAATATGTAACACAGCACAATGTTGGGGCCCGAGCCCTTGGCCCGGAGAGGGG	1440
Db	3556	CAGCCTGAATATGTAACACAGCACAATGTTGGGGCCCGAGCCCTTGGCCCGGAGAGGGG	3615
QY	1441	CCTCTGCGCTGCTGCCGACTGCTGTGTGCACTTGGAAGGCCCAAACTTCTTCCCA	1500

Db	3616	CCCTCGCTGCTGACCGACCTGCTGGGCGCAGCTGTGAAAAGGAGCAAGACTCTCTCCCA	3675
QY	1501	GGGAAGATGGGGTCTGTCAAGAAGCTTTTGGCTTTGGGGGTGCGGAGGAACCCGGAG	1560
Db	3676	GGGAAGATGGGGTCTGTCAAGAAGTITTTTGGCTTTGGGGGTGCGGAGGAACCCGGAG	3735
QY	1561	TACTTGACACCCCGAGGAGAGCTGCCCTCAGGCCACCTCTCTCTGCTTCAGCCCA	1620
Db	3736	TACTTGACACCCCGAGGAGAGCTGCCCTCAGGCCACCTCTCTCTGCTTCAGCCCA	3795
QY	1621	GCCTTTCGACCACTCTATTACTGGGACCAAGACCCACAGAGCGGGGGGCTCCACCCAGC	1680
Db	3796	GCCTTTCGACCACTCTATTACTGGGACCAAGACCCACAGAGCGGGGGGCTCCACCCAGC	3855
QY	1681	ACCTTCAAAGGGAACCTACGGCAGAGAACCCAGAGTACCTGGGGTCTGGAAGTCCAGTG	1740
Db	3856	ACCTTCAAAGGGAACCTACGGCAGAGAACCCAGAGTACCTGGGGTCTGGAAGTCCAGTG	3915

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RESULT 33
US-10-734-564-59
; Sequence 59, Application US/10734564
; Publication No. US20040157278A1
; GENERAL INFORMATION:
; APPLICANT: Christopher C Burgess et al
; TITLE OF INVENTION: Detection Methods Using T1P1
; FILE REFERENCE: 1657/2012
; CURRENT APPLICATION NUMBER: US/10/734,564
; CURRENT FILING DATE: 2003-12-12
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 4530
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-734-564-59

Query Match          99.9%; Score 1738.4; DB 17; Length 4530;
Beet Local Similarity 99.9%; Pred. No. 0;
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1  AAGCGACCGGACGAGAAAGATCCGGAGATACACGATGCGGAGACTGCTGCAGAAACGGAG 60
DB      2176 AAGCGACCGGACGAGAAAGATCCGGAAGTACACGATGCGGAGACTGCTGCAGAAACGGAG 2235

QY      61  CTGCTGAGAGCGCTGACACCTTAGCGGAGCGATGCCAACCGAGCGCAGATGCCGATCCTG 120
DB      2236 CTGCTGAGAGCGCGCTGACACCTTAGCGGAGCGATGCCAACCGAGCGCAGATGCCGATCCTG 2295

QY      121 AAGAAGACGAGCTGAGGAAGGTGAAGTCTTGATCTGGCGCTTTTGGACAGTCTAC 180
DB      2296 AAGAAGACGAGCTGAGGAAGGTGAAGTCTTGATCTGGCGCTTTTGGACAGTCTAC 2355

QY      181 AAGGCATCTGGATCCCTGATGGGGAGAAATGTGAAATTCAGTGGCCATCAAAAGTTG 240
DB      2356 AAGGCATCTGGAATCCCTGATGGGGAGAAATGTGAAATTCAGTGGCCATCAAAAGTTG 2415

QY      241 AAGGAAACACATCCCCCAAGCCAAACAAGAAATCTTAGACGAAAGCATACGTATGGCT 300
DB      2416 AAGGAAACACATCCCCCAAGCCAAACAAGAAATCTTAGACGAAAGCATACGTATGGCT 2475

QY      301 GGTGTGGGCTCCCAATATGTCTCCGCGCTTGTGGGCATCTGCTGACATCCACGGTGCAG 360
DB      2476 GGTGTGGGCTCCCAATATGTCTCCGCGCTTGTGGGCATCTGCTGACATCCACGGTGCAG 2535

QY      361 CTGTGACACACAGCTTATATGCTTATGGCTCTCTTAAACCATGTTCGGGAAAAACCGCGGA 420
DB      2536 CTGTGACACACAGCTTATATGCTTATGGCTCTCTTAAACCATGTTCGGGAAAAACCGCGGA 2595

QY      421 CGCCTGGGCTCCACGAGACTGTGTAACGTGATGTACAGATTGGCCAAAGGGATGAGCTAC 480
DB      2596 CGCCTGGGCTCCACGAGACTGTGTAACGTGATGTACAGATTGGCCAAAGGGATGAGCTAC 2655

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481 CTGAGAGATGTGGGCTGTTACACAGGGAATTGGCCGCTGGAAAGTGTCTCAAGAGT 540  
Db 2656 CTGAGAGATGTGGGCTGTTACACAGGGAATTGGCCGCTGGAAAGTGTCTCAAGAGT 2715  
Qy 541 CCAACCATGTCAAAATTATACAGACTTGTGGGCTGGCTGGCTGTGGAATTGACAGACA 600  
Db 2716 CCAACCATGTCAAAATTATACAGACTTGTGGGCTGGCTGGCTGTGGAATTGACAGACA 2775  
Qy 601 GAGTACCATGACAGATGGGGGCAAGGTGCGCATCAAGTGAATGGCGCTGAGTCCATTCTC 660  
Db 2776 GAGTACCATGACAGATGGGGGCAAGGTGCGCATCAAGTGAATGGCGCTGAGTCCATTCTC 2835  
Qy 661 CGCCGGCGGTTACCCACCAAGATGTGTGAGTTATGTGTGACTGTGTGGAGCTG 720  
Db 2836 CGCCGGCGGTTACCCACCAAGATGTGTGAGTTATGTGTGACTGTGTGGAGCTG 2895  
Qy 721 ATGACTTTTGGGGCAAACTTTAAGATGATCCAGCCGGGAGATCCCTGACCTGCTG 780  
Db 2896 ATGACTTTTGGGGCAAACTTTAAGATGATCCAGCCGGGAGATCCCTGACCTGCTG 2955  
Qy 781 GAAAAGGGGAGGGGCTGCCCCAGCCCCCATCTGACCAATTGATGTCTACATGATGATG 840  
Db 2956 GAAAAGGGGAGGGGCTGCCCCAGCCCCCATCTGACCAATTGATGTCTACATGATGATG 3015  
Qy 841 GTCAATGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 900  
Db 3016 GTCAATGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3075  
Qy 901 TTCTCCGAGATGAGCAAGGAGCCCCAGGGGCTTTGTGTGATCCAGATGAGAGCTTGGG 960  
Db 3076 TTCTCCGAGATGAGCAAGGAGCCCCAGGGGCTTTGTGTGATCCAGATGAGAGCTTGGG 3135  
Qy 961 CCAGCCAGTCTCTTGACACAGACCTTCTACCGCTCACTGTGTGAGAGACATGATGAGG 1020  
Db 3136 CCAGCCAGTCTCTTGACACAGACCTTCTACCGCTCACTGTGTGAGAGACATGATGAGG 3195  
Qy 1021 GACTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080  
Db 3196 GACTGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3255  
Qy 1081 GGGGCGGGGCTGGGGGCAATGTGTCACACAGGACCCGAGCTCATTTACAGAGAGTGGC 1140  
Db 3256 GGGGCGGGGCTGGGGGCAATGTGTCACACAGGACCCGAGCTCATTTACAGAGAGTGGC 3315  
Qy 1141 GGTGGGAGCTGACACTGAGGGCTGAGCCCTCTGAAGAGAGGCCCCAGATCTCCACTG 1200  
Db 3316 GGTGGGAGCTGACACTGAGGGCTGAGCCCTCTGAAGAGAGGCCCCAGATCTCCACTG 3375  
Qy 1201 GCACTCTCGAAGGGGCTGGCTCGATGATTTGATGTGATGATGATGATGATGATGATG 1260  
Db 3376 GCACTCTCGAAGGGGCTGGCTCGATGATTTGATGTGATGATGATGATGATGATGATG 3435  
Qy 1261 AAGGGGCTGCAAGGCTCTCCCAACATGACCCAGGCTTTACAGCGGTCACTGTGAGAG 1320  
Db 3436 AAGGGGCTGCAAGGCTCTCCCAACATGACCCAGGCTTTACAGCGGTCACTGTGAGAG 3495  
Qy 1321 CCAACAGTACCTGCTGCTGAGACTGATGAGCTGAGTGGCTGAGCTGAGCTGAGCTGAG 1380  
Db 3496 CCAACAGTACCTGCTGCTGAGACTGATGAGCTGAGTGGCTGAGCTGAGCTGAGCTGAG 3555  
Qy 1381 CAGCTGAAATATGTGAACCAAGAGATGTTGAGCCCGAGCCCTTGTGAGCCGAGAGG 1440  
Db 3556 CAGCTGAAATATGTGAACCAAGAGATGTTGAGCCCGAGCCCTTGTGAGCCGAGAGG 3615  
Qy 1441 CCTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
Db 3616 CCTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1560  
Qy 1501 GGAAGAAATGGGGTGTCTCAAGAGAGCTTTTGTGCTTTGGGGGTGCGGTGAGAGAG 1560  
Db 3676 GGAAGAAATGGGGTGTCTCAAGAGAGCTTTTGTGCTTTGGGGGTGCGGTGAGAGAG 3735  
Qy 1561 TACTTGACACCCAGGAGAGAGTGCCTCCAGCCCACTCTCTGCTTCAAGCCA 1620

Db 3736 TACTTGACACCCAGGAGAGAGTGCCTCCAGCCCACTCTCTGCTTCAAGCCA 3795  
Qy 1621 GCCTTGACAACTCTATTACTGTGGAGCAGAGCCACAGAGCGGGGGCTCCACCAGC 1680  
Db 3796 GCCTTGACAACTCTATTACTGTGGAGCAGAGCCACAGAGCGGGGGCTCCACCAGC 3855  
Qy 1681 ACCTTCAAGAGGACACTTACGAGAGAGAACCCAGAGTACTGTGGTCTGAGCTGCCAGT 1740  
Db 3856 ACCTTCAAGAGGACACTTACGAGAGAGAACCCAGAGTACTGTGGTCTGAGCTGCCAGT 3915

RESULT 34  
US-10-657-022-91  
; Sequence 91, Application US/10657022  
; Publication No. US20040180354A1  
; GENERAL INFORMATION:  
; APPLICANT: Simard, John J. L.  
; APPLICANT: Diamond, David C.  
; APPLICANT: Liu, Liping  
; APPLICANT: Liu, Zheng  
; TITLE OF INVENTION: EPIPOPE SEQUENCES  
; FILE REFERENCE: MANUK.032A  
; CURRENT APPLICATION NUMBER: US/10/657,022  
; CURRENT FILING DATE: 2003-09-04  
; PRIOR APPLICATION NUMBER: 60/409123  
; PRIOR FILING DATE: 2002-09-06  
; NUMBER OF SEQ ID NOS: 610  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 91  
; LENGTH: 4530  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-657-022-91

Query Match 99.9%; Score 1738.4; DB 17; Length 4530;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 AAGCGACGGGAGGAGAGATCCGGAAGTACAGATGCGGAGTCTGCGAGAAACGAG 60  
Db 2176 AAGCGACGGGAGGAGAGATCCGGAAGTACAGATGCGGAGTCTGCGAGAAACGAG 2235  
Qy 61 CTGTGAGGCGGCTGACACTAGCGAGCGATGCCCAACAGGCGGAGATGCGATCTG 120  
Db 2236 CTGTGAGGCGGCTGACACTAGCGAGCGATGCCCAACAGGCGGAGATGCGATCTG 2295  
Qy 121 AAGAGACGAGCTGAGAGAGAGTGAAGTGTGATCTGGCGCTTTGGACAGTCTAC 180  
Db 2296 AAGAGACGAGCTGAGAGAGAGTGAAGTGTGATCTGGCGCTTTGGACAGTCTAC 2355  
Qy 181 AAGGAGATCTGATCTCCCTGATGGGAGAGATGGAATAATTCAGTGGCCATCAAGTGTG 240  
Db 2356 AAGGAGATCTGATCTCCCTGATGGGAGAGATGGAATAATTCAGTGGCCATCAAGTGTG 2415  
Qy 241 AAGGAAACAATCCCCCAAGCAAAAGAAATCTTGAACGAACATATCGTATGAGCT 300  
Db 2416 AAGGAAACAATCCCCCAAGCAAAAGAAATCTTGAACGAACATATCGTATGAGCT 2475  
Qy 301 GGTGTGGGCTCCCATATGTCTCCGCTTTTGGGAGTCTGCTGACATTCAGGATGAG 360  
Db 2476 GGTGTGGGCTCCCATATGTCTCCGCTTTTGGGAGTCTGCTGACATTCAGGATGAG 2535  
Qy 361 CTGTGACACAGTTATGCGCTATGCTGCTCTTTAGACCATGTCCGGGAGAAACCGCGGA 420  
Db 2536 CTGTGACACAGTTATGCGCTATGCTGCTCTTTAGACCATGTCCGGGAGAAACCGCGGA 2595  
Qy 421 CGCTGGGCTCCAGGAGACCTGCTGAATGATGATGATGATGATGATGATGATGATGATG 480  
Db 2596 CGCTGGGCTCCAGGAGACCTGCTGAATGATGATGATGATGATGATGATGATGATGATG 2655  
Qy 481 CTGAGAGATGTGGGCTGTGACACAGGACTTGGCGCTCGAAACGTGTGTCAAGAGT 540

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Db 2656 CTGAGAGATGTCGGCTCGTACACAGAGACTTGGCCGCTCGAAACGTGCTGTCAGAGACT 2715
Oy 541 CCCAACCATGTCAAAATTTACAGACTTGGGGCTGGCTGGCTGGTGGACATTTGACAGAGACA 600
Db 2716 CCCAACCATGTCAAAATTTACAGACTTGGGGCTGGCTGGCTGGTGGACATTTGACAGAGACA 2775
Oy 601 GAGTACCATGACAGATGGGGGCAAGGTGCCCATCAAGTGAATGGCGCTGAGATTCATTCTC 660
Db 2776 GAGTACCATGACAGATGGGGGCAAGGTGCCCATCAAGTGAATGGCGCTGAGATTCATTCTC 2835
Oy 661 CCCCCGGGCTTACCCACCAAGATGATGTGTGAGTTAATGTGTGATCTGTGTGGGAGCTG 720
Db 2836 CCCCCGGGCTTACCCACCAAGATGATGTGTGAGTTAATGTGTGATCTGTGTGGGAGCTG 2895
Oy 721 ATGACTTTTGGGGCCAAACCTTACAGATGGGATCCAGCCGGGAGATCCCTGACTGCTG 780
Db 2896 ATGACTTTTGGGGCCAAACCTTACAGATGGGATCCAGCCGGGAGATCCCTGACTGCTG 2955
Oy 781 GAAAAGGGGAGCGGCTGCCACGCCCCCATCTGACCAATTTGATGTCATCATGATCATG 840
Db 2956 GAAAAGGGGAGCGGCTGCCACGCCCCCATCTGACCAATTTGATGTCATCATGATCATG 3015
Oy 841 GTCAAAATGTGTGATGATTTGACTGTGATGTGGGCAAGATTCGGGAGATTTGTGTCTGAA 900
Db 3016 GTCAAAATGTGTGATGATTTGACTGTGATGTGGGCAAGATTCGGGAGATTTGTGTCTGAA 3075
Oy 901 TTCTCCCGATGGCCAGGAGACCCCAAGCGTTTGTGTGATCCAGATGAGACTTGGG 960
Db 3076 TTCTCCCGATGGCCAGGAGACCCCAAGCGTTTGTGTGATCCAGATGAGACTTGGG 3135
Oy 961 CCAGCCAGTCCCTTGGACAGACACTTCTACCGCTCACTGCTGAGAGACGATGAGG 1020
Db 3136 CCAGCCAGTCCCTTGGACAGACACTTCTACCGCTCACTGCTGAGAGACGATGAGG 3195
Oy 1021 GACTGTGTGATGATGCTGAGAGATCTGTGTATCCCAAGAGGCTTCTTGTCTCAAGCCCT 1080
Db 3196 GACTGTGTGATGATGCTGAGAGATCTGTGTATCCCAAGAGGCTTCTTGTCTCAAGCCCT 3255
Oy 1081 GCCCCGGGCGCTGGGGGCAATGTCACCAAGGCAACCGAGCTCATCTACAGAGATGGC 1140
Db 3256 GCCCCGGGCGCTGGGGGCAATGTCACCAAGGCAACCGAGCTCATCTACAGAGATGGC 3315
Oy 1141 GGTGGGAGCTTGACACTAGAGGCTGAGCCCTCTGAAGAGAGGCCCCCAGAGTCTCACTG 1200
Db 3316 GGTGGGAGCTTGACACTAGAGGCTGAGCCCTCTGAAGAGAGGCCCCCAGAGTCTCACTG 3375
Oy 1201 GCAACCTCCGAAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTCTGGGAAATGGGGGAGCC 1260
Db 3376 GCAACCTCCGAAAGGGGCTGGCTCCGATGTATTTGATGTGTGACTCTGGGAAATGGGGGAGCC 3435
Oy 1261 AAGGGGCTGCAAAAGCTCCCAACACATGACCCAGCCCTCTACAGCGGTACAGTGAAGAC 1320
Db 3436 AAGGGGCTGCAAAAGCTCCCAACACATGACCCAGCCCTCTACAGCGGTACAGTGAAGAC 3495
Oy 1321 CCCACAGTACCCCTGCTCTGTGAGACTGATGAGTTCGTCAGCCCTCTGACCTGACGCCCC 1380
Db 3496 CCCACAGTACCCCTGCTCTGTGAGACTGATGAGTTCGTCAGCCCTCTGACCTGACGCCCC 3555
Oy 1381 CAGCTGAATATATGTAAACCAAGCATGTTTCGCCCCCAGCCCTTTCGCCCGAGAGGCG 1440
Db 3556 CAGCTGAATATATGTAAACCAAGCATGTTTCGCCCCCAGCCCTTTCGCCCGAGAGGCG 3615
Oy 1441 CCTCTGCTGCTGCTCCGACCTGCTGGTGCCACTCTGGAAGAGGCCAAGACTCTCTCCCA 1500
Db 3616 CCTCTGCTGCTGCTCCGACCTGCTGGTGCCACTCTGGAAGAGGCCAAGACTCTCTCCCA 3675
Oy 1501 GGGAGAAATGGGGTCTCTCAAGAGCGTTTTTTCCTTTGGGGGTGCGGTGAGAAACCCGAG 1560
Db 3676 GGGAGAAATGGGGTCTCTCAAGAGCGTTTTTTCCTTTGGGGGTGCGGTGAGAAACCCGAG 3735
Oy 1561 TACTTGACACCCCAAGGAGAGAGCTGCCCTCTCAGCCCACTCTCTCTCTCTCAGCCCA 1620
Db 3736 TACTTGACACCCCAAGGAGAGAGCTGCCCTCTCAGCCCACTCTCTCTCTCTCAGCCCA 3795
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Oy 1621 GCCTTCGACAACTCTATTACTGGGACAGAGCCCAAGAGCGGGGCTCTCACCCAGC 1680
Db 3796 GCCTTCGACAACTCTATTACTGGGACAGAGCCCAAGAGCGGGGCTCTCACCCAGC 3855
Oy 1681 ACCCTCAAGGAGACATTCAGGACAGAAACCCAGAGTACTGTGGTCTGAGCGTGCAGTG 1740
Db 3856 ACCCTCAAGGAGACATTCAGGACAGAAACCCAGAGTACTGTGGTCTGAGCGTGCAGTG 3915
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## RESULT 35

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US-10-198-846-10896
; Sequence 10896, Application US/10198846
; Publication No. US20030099974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-049
; CURRENT APPLICATION NUMBER: US/10/198,846
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10896
; LENGTH: 4642
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1, 2, 3, 4, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-10896
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Query Match 99.9%; Score 1738.4; DB 14; Length 4642;

Best Local Similarity 99.9%; Pred. No. 0;

Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 2176 AAGCGACGGCAGACAGAAATCCGAAATACAGATCGGAGACTGTCAGAGAAACGAG 2235
Oy 61 CTGTGTGAGACCGCTGACACTTACCGGAGGAGATGCCCAACCAAGCGGAGATGCGGATCTG 120
Db 2236 CTGTGTGAGACCGCTGACACTTACCGGAGGAGATGCCCAACCAAGCGGAGATGCGGATCTG 2295
Oy 121 AAAAGACGAGCTGAGGAAGGTAAGTGTGATCTGCGCTTTTGGACAGTCTAC 180
Db 2296 AAAAGACGAGCTGAGGAAGGTAAGTGTGATCTGCGCTTTTGGACAGTCTAC 2355
Oy 181 AAGGGCATCTGATTCCTCTGATGGGAGAAATGTGAATAATTCAGTGGCCATCAAAATGTTG 240
Db 2356 AAGGGCATCTGATTCCTCTGATGGGAGAAATGTGAATAATTCAGTGGCCATCAAAATGTTG 2415
Oy 241 AAGGAAAAACATCCCCCAAAGCCAAACAAAGAAATTTTGAAGAACATATCGTATGGCT 300
Db 2416 AAGGAAAAACATCCCCCAAAGCCAAACAAAGAAATTTTGAAGAACATATCGTATGGCT 2475
Oy 301 GGTGTGGGCTCCCATATGTCCTCCGCTTCTGGGAGTCTGCTGACATCCAGCGTGCAG 360
Db 2476 GGTGTGGGCTCCCATATGTCCTCCGCTTCTGGGAGTCTGCTGACATCCAGCGTGCAG 2535
Oy 361 CTGTGTGACAGCTTATGCTCTATGAGCTGCTCTTATGACATATCCGGGAAAAACCGCGGA 420
Db 2536 CTGTGTGACAGCTTATGCTCTATGAGCTGCTCTTATGACATATCCGGGAAAAACCGCGGA 2595
Oy 421 CGCTTGGGCTCCCAAGACCTGCTGAACCTGTGTATGCAATTTGCCAAGGGGATGAGCTAC 480
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Db 2596 CGCCTGGGCTCCAGACCTGCTGATCTGTATGCAAGATTGCCAAGGGGATGACTAC 2655  
Qy 481 CTGAGAGATGTGCGGCTGTATCAGAGGGACTTGGCCGCTCGGAAGTGTCTCAAGAGT 540  
Db 2656 CTGAGAGATGTGCGGCTGTATCAGAGGGACTTGGCCGCTCGGAAGTGTCTCAAGAGT 2715  
Qy 541 CCCAACATGTCAAAATTATACAGACTTGGGCTGGCTGGCTGTGACATTGACGAGACA 600  
Db 2716 CCCAACATGTCAAAATTATACAGACTTGGGCTGGCTGGCTGTGACATTGACGAGACA 2775  
Qy 601 GAGTACCATGAGATGGGGGGAAGTGGCCCATCAAGTGAATGGGCTGGAGTCCATTCTC 660  
Db 2776 GAGTACCATGAGATGGGGGGAAGTGGCCCATCAAGTGAATGGGCTGGAGTCCATTCTC 2835  
Qy 661 CGCCGGGCTTCAACCCACAGAGTGTGTGAGTATGAGTGTGATGCTGTGGAGCTG 720  
Db 2836 CGCCGGGCTTCAACCCACAGAGTGTGTGAGTATGAGTGTGATGCTGTGGAGCTG 2895  
Qy 721 ATGACTTTTGGGGCCAAACCTTACGATGGAGTCCAGCCCGGAGAGATCCCTGACTGCTG 780  
Db 2896 ATGACTTTTGGGGCCAAACCTTACGATGGAGTCCAGCCCGGAGAGATCCCTGACTGCTG 2955  
Qy 781 GAAAAGGGGAGCGGCTGCCCAACCCCATCTGACACATGATGTCTACATGATCATG 840  
Db 2956 GAAAAGGGGAGCGGCTGCCCAACCCCATCTGACACATGATGTCTACATGATCATG 3015  
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Db 3016 GTCAATATGTTGATGATTTGACTGTGATGTGCGCCAAAGATTCGGGAGTGGTGTCTGAA 3075  
Qy 901 TTCTCCCGCATGGCCAGAGGACCCCAAGGCTTTGTGTGATCAAGAAATGAGACTTGGGC 960  
Db 3076 TTCTCCCGCATGGCCAGAGGACCCCAAGGCTTTGTGTGATCAAGAAATGAGACTTGGGC 3135  
Qy 961 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGAGAGATGAGAG 1020  
Db 3136 CCAGCCAGTCCCTTGGACAGACCTTCTACCGCTCACTGCTGAGAGAGAGATGAGAG 3195  
Qy 1021 GACCTGGTGAATGCTGAGAGATCTGGTATCCCGACAGAGGCTTCTTGTGCAAGCCCT 1080  
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Qy 1081 GCCCGGGGCGCTGGAGGACATGCTCACACAGGACCGCAGCTCATCTACAGAGATGGC 1140  
Db 3256 GCCCGGGGCGCTGGAGGACATGCTCACACAGGACCGCAGCTCATCTACAGAGATGGC 3315  
Qy 1141 GGTGGGACCTGACACTAGAGGCTGAGCCCTCTGAGAGAGAGGCCCCCAAGGTCTTCACTG 1200  
Db 3316 GGTGGGACCTGACACTAGAGGCTGAGCCCTCTGAGAGAGAGGCCCCCAAGGTCTTCACTG 3375  
Qy 1201 GACCCCTCCGAAGGGGCTGGCTCGATGTATTGTAGTGTGACTGGGAAATGGGGGACGCC 1260  
Db 3376 GACCCCTCCGAAGGGGCTGGCTCGATGTATTGTAGTGTGACTGGGAAATGGGGGACGCC 3435  
Qy 1261 AAGGGGCTGCAAAAGCTTCCCAACATAGACCCAGCCCTCTTACAGCGGTATCAGTAGAG 1320  
Db 3436 AAGGGGCTGCAAAAGCTTCCCAACATAGACCCAGCCCTCTTACAGCGGTATCAGTAGAG 3495  
Qy 1321 CCCACAGTACCTCTGCTGTGAGACTGATGGCTACGTTGGCCCCCTGTGACTGAGCCCC 1380  
Db 3496 CCCACAGTACCTCTGCTGTGAGACTGATGGCTACGTTGGCCCCCTGTGACTGAGCCCC 3555  
Qy 1381 CAGGCTAATATATGGAACAGAGCAGATGTTGGGGCCAGCCCCCTTGGCCCCGAGAGGGC 1440  
Db 3556 CAGGCTAATATATGGAACAGAGCAGATGTTGGGGCCAGCCCCCTTGGCCCCGAGAGGGC 3615  
Qy 1441 CTTCTGCTGTGCTGCCAAGCTGTGTGCTCACTCTGAAAAGGCCCAAGACTCTCTCCCA 1500  
Db 3616 CTTCTGCTGTGCTGCCAAGCTGTGTGCTCACTCTGAAAAGGCCCAAGACTCTCTCCCA 3675  
Qy 1501 GGGAAAGATGGGGTGTCTCAAGAGCGTTTTTGTCTTTGGGGGTGCGGTGAGAACCCCGAG 1560  
Db 3676 GGGAAAGATGGGGTGTCTCAAGAGCGTTTTTGTCTTTGGGGGTGCGGTGAGAACCCCGAG 3735

Qy 1561 TACTTGAACACCCAGGAGAGAGTGCCTTCAAGCCCACTCTCTCTGCTTCAAGCCCA 1620  
Db 3736 TACTTGAACACCCAGGAGAGAGTGCCTTCAAGCCCACTCTCTCTGCTTCAAGCCCA 3795  
Qy 1621 GCCTTGAACAACCTCTTATCTAGGAGACAGAGACCCACAGAGCGGGGGCTTCAAGCCCA 1680  
Db 3796 GCCTTGAACAACCTCTTATCTAGGAGACAGAGACCCACAGAGCGGGGGCTTCAAGCCCA 3855  
Qy 1681 ACCTTCAAGAGGACACTTACGGGACAGAGACCCAGAGTACCTGGGTCTGAGCTGCAAGT 1740  
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RESULT 36  
US-09-811-123-7  
Sequence 7, Application US/09811123  
Patent No. US2002001587A1  
GENERAL INFORMATION:  
APPLICANT: Sharon Erickson  
APPLICANT: Ralph Schwall  
APPLICANT: Mark Slikowski  
TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-erbB  
FILE REFERENCE: GENENT.073A2  
CURRENT APPLICATION NUMBER: US/09/811,123  
PRIOR FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: 60/238,327  
PRIOR FILING DATE: 2000-10-05  
PRIOR APPLICATION NUMBER: 09/602,530  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 7  
LENGTH: 9274  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Vector Sequence  
US-09-811-123-7

Query Match 99.9%; Score 1738.4; DB 9; Length 9274;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 61 CTGGTGAAGCGCTGACACCTAGCGAGCATGCGCAACGAGGCGAGATGCGATCTTG 120  
Db 3816 CTGGTGAAGCGCTGACACCTAGCGAGCATGCGCAACGAGGCGAGATGCGATCTTG 3875  
Qy 121 AAGAGACGAGACTGAGAAAGTGAAGTGTGATCTGGCGCTTTTGGCAAGTCTAC 180  
Db 3876 AAGAGACGAGACTGAGAAAGTGAAGTGTGATCTGGCGCTTTTGGCAAGTCTAC 3935  
Qy 181 AAGGGCATCTGATCTCTGATGGGGAAGATGTGAATTTCCAGTGGCCATCAAGTGTG 240  
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Qy 241 AAGGAAACACATCCCAAGCAACCAAGCAAGAAATCTTAGACGAAGATACGTATGGCT 300  
Db 3996 AAGGAAACACATCCCAAGCAACCAAGCAAGAAATCTTAGACGAAGATACGTATGGCT 4055  
Qy 301 GGTGTGGCTTCCCAATATGTCTCCGCTTCTGGGCACTTGGCTGACATCCAGGTGAG 360  
Db 4056 GGTGTGGCTTCCCAATATGTCTCCGCTTCTGGGCACTTGGCTGACATCCAGGTGAG 4115  
Qy 361 CTGGTGAACAGCTTATGCTTATGCTGCTCTTAAACATGTCCGGGAAACCGGGGA 420  
Db 4116 CTGGTGAACAGCTTATGCTTATGCTGCTCTTAAACATGTCCGGGAAACCGGGGA 4175

OY	421	GGCTGGGCTCCAGACCTGCTGAACCTGGTATATGAAATTCACAAAGGGGAAGAGCTAC	480
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OY	481	CTGAGAGATGCGGGCTGTCACAGGGAATTGGCGCCTCGAAGCTGCTGAAGAT	540
Db	4236	CTGAGAGATGCGGGCTGTCACAGGGAATTGGCGCCTCGAAGCTGCTGAAGAT	4295
OY	541	CCCAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGACATTTGACGAGACA	600
Db	4296	CCCAACCATGTCAAAATTTACAGACTTGGGCTGGCTGGCTGACATTTGACGAGACA	4355
OY	601	GAGTACCATGACAGTGGGGGCAAGTGCCTCAACATGATATGGGCTGAGTCAATTCTC	660
Db	4356	GAGTACCATGACAGTGGGGGCAAGTGCCTCAACATGATATGGGCTGAGTCAATTCTC	4415
OY	661	CGCGGGGGTTCAACCCACAGAGGATGTGTGAGATTATGATGTGACCTGTGTGGAGCTG	720
Db	4416	CGCGGGGGTTCAACCCACAGAGGATGTGTGAGATTATGATGTGACCTGTGTGGAGCTG	4475
OY	721	ATGACTTTTGGGGCCAAACTTTACGATGGATGCCAGCCGGGAGATCCCTGACTGCTG	780
Db	4476	ATGACTTTTGGGGCCAAACTTTACGATGGATGCCAGCCGGGAGATCCCTGACTGCTG	4535
OY	781	GAAAAAGGGGACGGGCTGCCAGCCCCCATCTGACACATTTGATGTCTACATGATATG	840
Db	4536	GAAAAAGGGGACGGGCTGCCAGCCCCCATCTGACACATTTGATGTCTACATGATATG	4595
OY	841	GTCAATATGTGATGATTGACTCTGGAATGTGTGGCCAAAGATTCCGGAGATTGGTCTGAA	900
Db	4596	GTCAATATGTGATGATTGACTCTGGAATGTGTGGCCAAAGATTCCGGAGATTGGTCTGAA	4655
OY	901	TTCTCCGCGATGACCAGGAGCCCCAGCGCTTTGTGTATCCAGATGAGAACTTGGGC	960
Db	4656	TTCTCCGCGATGACCAGGAGCCCCAGCGCTTTGTGTATCCAGATGAGAACTTGGGC	4715
OY	961	CCAGCAGTCCCTTTGACACGACTTTACCGCTCACTGTGAGGACGATGACATGGG	1020
Db	4716	CCAGCAGTCCCTTTGACACGACTTTACCGCTCACTGTGAGGACGATGACATGGG	4775
OY	1021	GACCTGCGATGCTGAGGAGTATCTGGTACCCAGACGGGCTCTCTGTCCAGACCT	1080
Db	4776	GACCTGCGATGCTGAGGAGTATCTGGTACCCAGACGGGCTCTCTGTCCAGACCT	4835
OY	1081	GCCCCGGGCGTGGGGGCGATGATCCACACAGGACCGCAGCTCATCTACAGAGTGGC	1140
Db	4836	GCCCCGGGCGTGGGGGCGATGATCCACACAGGACCGCAGCTCATCTACAGAGTGGC	4895
OY	1141	GGTGGGACCTGACACTAGGGCTGAGGCTCTGTGAAGAGGCCCCAGGTCTTCACTG	1200
Db	4896	GGTGGGACCTGACACTAGGGCTGAGGCTCTGTGAAGAGGCCCCAGGTCTTCACTG	4955
OY	1201	GCACCTCCGAAAGGGGCTGGCTCCGATATTTATATGTGTGACTGGGAATGGGGGACGC	1260
Db	4956	GCACCTCCGAAAGGGGCTGGCTCCGATATTTATATGTGTGACTGGGAATGGGGGACGC	5015
OY	1261	AAGGGGCTGCAAGGCTCCCCACATGACCCGACCTCTACAGCGGTACAGTGAAGAC	1320
Db	5016	AAGGGGCTGCAAGGCTCCCCACATGACCCGACCTCTACAGCGGTACAGTGAAGAC	5075
OY	1321	CCCAAGTAACCCCTGCTCTTGAGCTGATGATGCTTGCCTCCCTGACCTGCAAGCCC	1380
Db	5076	CCCAAGTAACCCCTGCTCTTGAGCTGATGATGCTTGCCTCCCTGACCTGCAAGCCC	5135
OY	1381	CAGCTGAATATGTGAACCAAGCAGATTTTGGGCCCCGACCTTGGCCCCGAGAAGGC	1440
Db	5136	CAGCTGAATATGTGAACCAAGCAGATTTTGGGCCCCGACCTTGGCCCCGAGAAGGC	5195
OY	1441	CCTTGCCTGCGCCGACCTGTGGTGCACCTGTGAAAAGGCCAAAGACTCTCTCCCA	1500
Db	5196	CCTTGCCTGCGCCGACCTGTGGTGCACCTGTGAAAAGGCCAAAGACTCTCTCCCA	5255
OY	1501	GGGAAGAAATGGGGTGTCAAAAGACCTTTTGGCTTTGGGGGTGCCGTGAGAACCCCGAG	1560

Db	5256	GGAGAGATGGGCTCGTCAAGAGCTTTTGGCTTTGGGGGTGGCGTGAAGAACCCGAG	5315
Qy	1561	TACTTGAACCCCGAGGAGAGCTGCCCTCAGCCCCACCTCTCTCTGCTTCAAGCCA	1620
Db	5316	TACTTGAACCCCGAGGAGAGCTGCCCTCAGCCCCACCTCTCTCTGCTTCAAGCCA	5375
Qy	1621	GCCTTGACAACTCTTTACTGGGACAGAGCCCAAGAGGGGGGGCTCCACCCAGC	1680
Db	5376	GCCTTGACAACTCTTTACTGGGACAGAGCCCAAGAGGGGGGGCTCCACCCAGC	5435
Qy	1681	ACCTTCAAAGGACACCTACGGGACAGAACCCAGAGTACTGGTCTGAGCTGCCAGTG	1740
Db	5436	ACCTTCAAAGGACACCTACGGGACAGAACCCAGAGTACTGGGTCTGAGCTGCCAGTG	5495
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; Sequence 1, Application US/09811115			
; Patent No. US20020035736A1			
; GENERAL INFORMATION:			
; APPLICANT: Erickson, Sharon			
; APPLICANT: Schwall, Ralph			
; APPLICANT: King, Kathleen			
; TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL			
; FILE REFERENCE: GENE.034A			
; CURRENT APPLICATION NUMBER: US/09/811,115			
; CURRENT FILING DATE: 2001-03-16			
; PRIOR APPLICATION NUMBER: 60/189,844			
; PRIOR FILING DATE: 2000-03-16			
; NUMBER OF SEQ. ID NOS: 4			
; SOFTWARE: FastSeq for Windows Version 4.0			
; SEQ ID NO 1			
; LENGTH: 9274			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Vector Sequence			
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Query Match 99.9%; Score 1738.4; DB 9; Length 9274;			
Best Local Similarity 99.9%; Pred. No. 0;			
Matches 1739; Conservative 0; Mismatches 1; Indels 0; Gaps 0;			
Qy	1	AAGCGACGGCAGCAAGAGATCCGGAAGTACACGATGGGAGACTGCTGCAGAAACGGAG	60
Db	3756	AAGCGACGGCAGCAAGAGATCCGGAAGTACACGATGGGAGACTGCTGCAGAAACGGAG	3815
Qy	61	CTGTGTGAGCCGGCTGACACCTTAAGGGAGCGATGCGCAACAGGGGGAGATCGGATCCTG	120
Db	3816	CTGTGTGAGCCGGCTGACACCTTAAGGGAGCGATGCGCAACAGGGGGAGATCGGATCCTG	3875
Qy	121	AAAGAGACGAGCTGAGGAAGTGAAGGTGTTGATCTGGCGCTTTTGGACAGTCTAC	180
Db	3876	AAAGAGACGAGCTGAGGAAGTGAAGGTGTTGATCTGGCGCTTTTGGACAGTCTAC	3935
Qy	181	AAGGCATCTTGGATCCCTGATGGGAGATGTGAAATTTCCAGTGGCCATCAAAAGTTTG	240
Db	3936	AAGGCATCTTGGATCCCTGATGGGAGATGTGAAATTTCCAGTGGCCATCAAAAGTTTG	3995
Qy	241	AGGAAAAACATCCCCCAAGCCAAACAAAATTTTGAAGCAAGCAATAGTATGGCT	300
Db	3996	AGGAAAAACATCCCCCAAGCCAAACAAAATTTTGAAGCAAGCAATAGTATGGCT	4055
Qy	301	GGTGTGGGCTCCCATATATGTCTCCCGCTTCTGGGCACTCTGCAGCATCCACGGTGCAG	360
Db	4056	GGTGTGGGCTCCCATATATGTCTCCCGCTTCTGGGCACTCTGCAGCATCCACGGTGCAG	4115
Qy	361	CTGTGTACACAGCTTATATCCCTATGTGCTGCTCTTGAACATGTCCGGAAAAACCGCGGA	420
Db	4116	CTGTGTACACAGCTTATATCCCTATGTGCTGCTCTTGAACATGTCCGGAAAAACCGCGGA	4175
Qy	421	CGCTGGGCTCCAGAGACTGTGACTGTGTATGACAGATTGCCAAGGGATGAGCTAC	480

Db	4176	CGCCTGGGCTCCAGAGACTGTGAACTGTGTGTATGACGATTTGCCAAGGGATGAGCTAC	4235
Oy	481	CTGAGAGATGTGGGCTGTACACAGGGACTTGGCGGCTGGAACTGTGTCAAGAGT	540
Db	4236	CTGGAGAGATGTGGGCTGTACACAGGAGACTTGGCGGCTGGAACTGTGTCAAGAGT	4295
Oy	541	CCCAACCACTGTCAAAATTACAGACTTGGGGCTGGCTGGCTGTGTGACATTGACGAGCA	600
Db	4296	CCCAACCACTGTCAAAATTACAGACTTGGGGCTGGCTGGCTGTGTGACATTGACGAGCA	4355
Oy	601	GAGTACCATGAGATGGGGGACAGGTGGCCATCAAGTGGATGGCGCTGAGTCCATTCTC	660
Db	4356	GAGTACCATGAGATGGGGGACAGGTGGCCATCAAGTGGATGGCGCTGAGTCCATTCTC	4415
Oy	661	CGCCGGCGGTTCACCACAGAGTATGTGTGAGTTATGGTGTGACTGTGTGGAGCTG	720
Db	4416	CGCCGGCGGTTCACCACAGAGTATGTGTGAGTTATGGTGTGACTGTGTGGAGCTG	4475
Oy	721	ATGACTTTTGGGGCCCAACTTACGATGGGATCCCAAGCCGGAGATCCCTGACTGTG	780
Db	4476	ATGACTTTTGGGGCCCAACTTACGATGGGATCCCAAGCCGGAGATCCCTGACTGTG	4535
Oy	781	GAAAAAGGGGAGCGGCTGCCACAGGCCCCCATCTGCACATTGATGTCTACATGATCATG	840
Db	4536	GAAAAAGGGGAGCGGCTGCCACAGGCCCCCATCTGCACATTGATGTCTACATGATCATG	4595
Oy	841	GTCAAAATGTGGATGATTTGACTCTGAAATGTGGGCCCAAGATTTCCGGAGTTGGTCTTGA	900
Db	4596	GTCAAAATGTGGATGATTTGACTCTGAAATGTGGGCCCAAGATTTCCGGAGTTGGTCTTGA	4655
Oy	901	TTCTTCGCCGATGGCCAGGAGACCCCAAGGCTTTTGGTCACTCAGAAATGAGACTTGGGC	960
Db	4656	TTCTTCGCCGATGGCCAGGAGACCCCAAGGCTTTTGGTCACTCAGAAATGAGACTTGGGC	4715
Oy	961	CCAGCAGTCCCTTTGGAACGACACTTCAACGGCTCACTGCTGGAGAGAGATGACATGGGG	1020
Db	4716	CCAGCAGTCCCTTTGGAACGACACTTCAACGGCTCACTGCTGGAGAGAGATGACATGGGG	4775
Oy	1021	GACCTGTGTGATGTCTGAGAGATCTGTGTATCCCAAGCAGGGCTTTCTGTCTCAGACCCT	1080
Db	4776	GACCTGTGTGATGTCTGAGAGATCTGTGTATCCCAAGCAGGGCTTTCTGTCTCAGACCCT	4835
Oy	1081	GCCCCGGGCGCTGGGGGCGATGATGATCCACAGGCAACGGCAGCTCATCTTACAGAGTGGC	1140
Db	4836	GCCCCGGGCGCTGGGGGCGATGATGATCCACAGGCAACGGCAGCTCATCTTACAGAGTGGC	4895
Oy	1141	GGTGGGGACCTGACACTGAGGCTGTGAAGCCCTGTAAAGAGAGGCCCCCAAGTCTTCCACTG	1200
Db	4896	GGTGGGGACCTGACACTGAGGCTGTGAAGCCCTGTAAAGAGAGGCCCCCAAGTCTTCCACTG	4955
Oy	1201	GCAACCTTCGAAAGGGGCTGTGCTGCAATGTATTTTGAATGTGTGACTTGGGAATGGGGGCAAGC	1260
Db	4956	GCAACCTTCGAAAGGGGCTGTGCTGCAATGTATTTTGAATGTGTGACTTGGGAATGGGGGCAAGC	5015
Oy	1261	AAGGGGCTGCAAGGCTTCCCAACATGACCCCAAGCCCTTACAGCGGTACAGTGAAGAC	1320
Db	5016	AAGGGGCTGCAAGGCTTCCCAACATGACCCCAAGCCCTTACAGCGGTACAGTGAAGAC	5075
Oy	1321	CCCAACGATACCCCTGTGCTCTGTGAACATGATGGCTACGTTGGCCCCCTTGACCTGCAAGCCCC	1380
Db	5076	CCCAACGATACCCCTGTGCTCTGTGAACATGATGGCTACGTTGGCCCCCTTGACCTGCAAGCCCC	5135
Oy	1381	CAGCCTGAATATGTGAACCAAGCAGATGTTGGGCCCCCAAGCCCTTGGCCCCCGAAGAGGCG	1440
Db	5136	CAGCCTGAATATGTGAACCAAGCAGATGTTGGGCCCCCAAGCCCTTGGCCCCCGAAGAGGCG	5195
Oy	1441	CCTGTGCTGTGCTGCCGACCTGTGTGTGTGCACTGTGAAGAGCCCAAGACTCTCTCCCCA	1500
Db	5196	CCTGTGCTGTGCTGCCGACCTGTGTGTGTGCACTGTGAAGAGCCCAAGACTCTCTCCCCA	5255
Oy	1501	GGGAAGAATGGGGTGTCAAGAGCTTTTGGCTTTGGGGGTGCCGTGTGAACCCCGAG	1560

Db	5256	GGAAGAATGGGGGTCGTCGAAGAAGCTTTTTCGCTTGGGGGGTGGCGTGGAGAACC	CGGAG	5315
QY	1561	TACTTGACACCCCAAGGAGAGCTGGCCCTCAGCCCAACCTCTCTGCTTCAGCCCA	1620	
Db	5316	TACTTGACACCCCAAGGAGAGCTGGCCCTCAGCCCAACCTCTCTGCTTCAGCCCA	5375	
QY	1621	GCGTTGCAACACTCTATTACTGGGACCAAGGACCCACAGAGCGGGGGGCTCCACCAGC	1660	
Db	5376	GCGTTGCAACACTCTATTACTGGGACCAAGGACCCACAGAGCGGGGGGCTCCACCAGC	5435	
QY	1681	ACCTTCAAGGGAGACCTACGGCAGAGAACCCAGAGTACTGGGCTTGGACGTGCCAGTG	1740	
Db	5436	ACCTTCAAGGGAGACCTACGGCAGAGAACCCAGAGTACTGGGCTTGGACGTGCCAGTG	5495	
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US-09-930-125-5				
; Sequence 5, Application US/09930125				
; Publication No. US20020193329A1				
GENERAL INFORMATION:				
; APPLICANT: Hand-Zimmerman, Susan				
; APPLICANT: Cheever, Martin A.				
; APPLICANT: Foy, Teresa M.				
; APPLICANT: Lodes, Michael J.				
; APPLICANT: Kalos, Michael D.				
; APPLICANT: McNeill, Patricia D.				
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS				
; TITLE OF INVENTION: OF HER-2/NEU-ASSOCIATED MALIGNANCIES				
; FILE REFERENCE: 210121.544				
; CURRENT APPLICATION NUMBER: US/09/930.125				
; CURRENT FILING DATE: 2001-08-14				
; NUMBER OF SEQ ID NOS: 25				
; SOFTWARE: FastSeq for Windows Version 3.0				
; SEQ ID NO 5				
; LENGTH: 1806				
; TYPE: DNA				
; ORGANISM: Homo sapiens				
US-09-930-125-5				
Query Match				
Best Local Similarity 99.8%; Score 1736.8; DB 9; Length 1806;				
Matches 1738; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
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QY	61	CTGGTGGACCCGCTGACACCTTAGCGGAGCGATGCCAACAGCGCGAGATGCGATCCTG	120	
Db	121	CTGGTGGAGCCGCTGACACCTTAGCGGAGCGATGCCAACAGCGCGAGATGCGATCCTG	180	
QY	121	AAAGAGACGGAGCTGAGAGAGGTGAAGGTGCTTGGATCTGGCGCTTTTGGACAGTCTAC	180	
Db	181	AAAGAGACGGAGCTGAGAGAGGTGAAGGTGCTTGGATCTGGCGCTTTTGGACAGTCTAC	240	
QY	181	AAGGGCATCTGGATCCCTGATGGGGAATGTGAAATTCACAGTGGCCATCAAAAGTGTG	240	
Db	241	AAGGGCATCTGGATCCCTGATGGGGAATGTGAAATTCACAGTGGCCATCAAAAGTGTG	300	
QY	241	AGGGAACACATATCCCAAAAGCCACAAAGAAATCTTAAAGCAAGCATACGTATGACT	300	
Db	301	AGGGAACACATATCCCAAAAGCCACAAAGAAATCTTAAAGCAAGCATACGTATGACT	360	
QY	301	GGTGTGGGCTCCCATATGCTCCCGCTTCTGGGACATGCGCCGACATCCACGATGACG	360	
Db	361	GGTGTGGGCTCCCATATGCTCCCGCTTCTGGGACATGCGCCGACATCCACGATGACG	420	
QY	361	CTGGTGGACACAGCTTATAGCCTTATAGGCTGCTCTTAAAGCATGTCCGGGAAACCGCGA	420	
Db	421	CTGGTGGACACAGCTTATAGCCTTATAGGCTGCTCTTAAAGCATGTCCGGGAAACCGCGA	480	
QY	421	GCGCTGGGCTCCAGAGACTGCTGAATGCTGTATGACAGATTGCCAAAGGAGATGACTAC	480	

Db	481	CGCCTGGGGCTCCAGAGACTGTCTGAACTGGGTGATGCAAGATTGCCAAGGGGATGAGCTAC	540
Qy	481	CTGGAGGATGTGCGGCTTGTAACAAGGAGCTTGGCCGCTGGAACTGTGCTCAAGAGT	540
Db	541	CTGGAGGATGTGCGGCTGTGACAGAGGACTTGGCCGCTGGAACTGTGCTCAAGAGT	600
Qy	541	CCCAACCATGTCAAAATTTACAGACTTTGGGGCTGGCTGGCTGTGACATTTGACAGACA	600
Db	601	CCCAACCATGTCAAAATTTACAGACTTTGGGGCTGGCTGTGACATTTGAGAGACA	660
Qy	601	GAGTACCATGAGATGGGGGGCAAGTGGCCATCAAGTGAATGGGCTGAGATCCATTCTC	660
Db	661	GAGTACCATGAGATGGGGGGCAAGTGGCCATCAAGTGAATGGGCTGAGATCCATTCTC	720
Qy	661	CGCCGGCGGTTACCCACAGAGTGATGTGAGATTATGGTGTGACTGTGTGGAGCTG	720
Db	721	CGCCGGCGGTTACCCACAGAGTGATGTGAGATTATGGTGTGACTGTGTGGAGCTG	780
Qy	721	ATGACTTTTGGGGGCCAAACTTTAAGATGGGATCCAGCCGGGAGATCCCTGACTCTG	780
Db	781	ATGACTTTTGGGGGCCAAACTTTAAGATGGGATCCAGCCGGGAGATCCCTGACTCTG	840
Qy	781	GAAAAGGGGGGCGGCGTGGCCCGAGCCCCCATCTGACCATTTAGTGTACATGATGATG	840
Db	841	GAAAAGGGGGGCGGCGTGGCCCGAGCCCCCATCTGACCATTTAGTGTACATGATGATG	900
Qy	841	GTCAATGTGTGATGATTTGACTCTGAAATGTGCGGCCAAGATTCGGGAGTTGGTGTGAA	900
Db	901	GTCAATGTGTGATGATTTGACTCTGAAATGTGCGGCCAAGATTCGGGAGTTGGTGTGAA	960
Qy	901	TTCTTCGGCATGCGCAAGGACCCCCAGCGCTTTGTGTGTCATCAAGATGAGGACTTGGGC	960
Db	961	TTCTTCGGCATGCGCGAGGACCCCCAGCGCTTTGTGTGTCATCAAGATGAGGACTTGGGC	1020
Qy	961	CCAGCAGTGGCTTTGGACAGCACTTTACCGGCTACCTGCTGGAGGAGATGATGATGGGG	1020
Db	1021	CCAGCAGTGGCTTTGGACAGCACTTTACCGGCTACCTGCTGGAGGAGATGATGATGGGG	1080
Qy	1021	GACCTGTGTGATGTGTAAGAGATATCTGTGATCCCGAGGAGGCTTTCTGTGCAAGCCCT	1080
Db	1081	GACCTGTGTGATGTGTAAGAGATATCTGTGATCCCGAGGAGGCTTTCTGTGCAAGCCCT	1140
Qy	1081	GCCTCCGGGCGCTGGGGGCTGATGTGTCACACAGGCACTGGAGTCACTTACAGAGATGGC	1140
Db	1141	GCCTCCGGGCGCTGGGGGCGATGTGTCACACAGGCACTGGAGTCACTTACAGAGATGGC	1200
Qy	1141	GGTGGGGGCTGACACTGATGAGGCTGAGGCCCTGAAGAGGAGGCCCCAGGCTTCACCTG	1200
Db	1201	GGTGGGGGCTGACACTGATGAGGCTGAGGCCCTGAAGAGGAGGCCCCAGGCTTCACCTG	1260
Qy	1201	GCACTTCGGAAGGGGCTGGCTCCGATTTATTTGATGTGTGACTTGGGAATGGGGGACGC	1260
Db	1261	GCACTTCGGAAGGGGCTGGCTCCGATTTATTTGATGTGTGACTTGGGAATGGGGGACGC	1320
Qy	1261	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTTACAGCGGTACATGAGGAC	1320
Db	1321	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCTCTTACAGCGGTACATGAGGAC	1380
Qy	1321	CCCAAGTACCCCTGCGCTCTGAGACTGATGGCTACGTTTGGCCCCCTTGAACCTGACGCCCC	1380
Db	1381	CCCAAGTACCCCTGCGCTCTGAGACTGATGGCTACGTTTGGCCCCCTTGAACCTGACGCCCC	1440
Qy	1381	CAGCCTGAATTTGTGAACCAAGCAAGATTTGGGCCCGAGCCCTTGCCTCCGAGAGGGC	1440
Db	1441	CAGCCTGAATTTGTGAACCAAGCAAGATTTGGGGCCCGAGCCCTTGCCTCCGAGAGGGC	1500
Qy	1441	CCTGTGCTGCTGCCGACCTGTGTGTGCCACTGTGAAGAGGCCCAAGACTTCTTCCCA	1500
Db	1501	CCTGTGCTGCTGCCGACCTGTGTGTGCCACTGTGAAGAGGCCCAAGACTTCTTCCCA	1560
Qy	1501	GGGAAGGATGGGGTGTCAAGAGCTTTTTTGTCTTTGGGGGTGCCGTGAGAACCCCGAG	1560

Db	161	GGAAGAATGAGGTCGCAAGAAGTTTTGCTTTGGGGGTCGAGGAACCCGAG	1620
Oy	161	TACTTGAACCCCAAGGAGTGTCCCTCAGCCCACTCTCTGCTTCAAGCCA	1620
Db	1621	TACTTGAACCCCAAGGAGTGTCCCTCAGCCCACTCTCTGCTTCAAGCCA	1680
Oy	1621	GCTTTCGACAACTCTTACTGGGACCAAGACCCACAGAGGGGGGCTCCACCAG	1680
Db	1681	GCTTTCGACAACTCTTACTGGGACCAAGACCCACAGAGGGGGGCTCCACCAG	1740
Oy	1681	ACCTTCAAGGAGACCTTACGGCAGAGAACCCAGAGTCTGGGTCTGGAAGTCCAGTG	1740
Db	1741	ACCTTCAAGGAGACCTTACGGCAGAGAACCCAGAGTCTGGGTCTGGAAGTCCAGTG	1800

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RESULT 39
US-09-769-508-1
; Sequence 1, Application US/09769508
; Patent No. US2002015527A1
; GENERAL INFORMATION:
; APPLICANT: STUART, SUSAN G.
; APPLICANT: MONAHAN, JOHN J.
; APPLICANT: LANTON, BEATRICE CLAUDIA
; APPLICANT: HANCOCK, MIRIAM E.C.
; APPLICANT: CHAO, LORRINE A.
; APPLICANT: BLUFORD, PETER
; TITLE OF INVENTION: C-ERBB-2 EXTERNAL DOM
; FILE REFERENCE: BBIO-111-C1
; CURRENT APPLICATION NUMBER: US/09/769, 508
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4543
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (150)..(3914)
US-09-769-508-1

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Query Match	99.7%;	Score 1735.2;	DB 9;	Length 4543;
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Matches 1737; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

[illegible]



QY	42	CGCCTGGGGCTCCGAGGACCTGCTGTAACGTGGTATGTCAGATTGGCCAGAGGGATGAGCTAC	480
Db	2595	CGCCTGGGGCTCCGAGGACCTGCTGTAACGTGGTATGTCAGATTGGCCAGAGGGATGAGCTAC	2654
QY	481	CTGAGAGATGTGCGGCTCTGTAACAAGGACCTTGGCCGCTCGGAACTGTCTGTCAAGAGT	540
Db	2655	CTGAGAGATGTGCGGCTCTGTAACAAGGACCTTGGCCGCTCGGAACTGTCTGTCAAGAGT	2714
QY	541	CCCAACCATGTCAAAATTATACAGACTTTGGGGCTGGCTGGGCTGTGAGCATTTGACAGACA	600
Db	2715	CCCAACCATGTCAAAATTATACAGACTTTGGGGCTGGCTGGGCTGTGAGCATTTGACAGACA	2774
QY	601	GAGTACCATGAGATGGGGGGCAAGGTGCCATCAAGTGAATGGGGCTGGAGTCCATTCTC	660
Db	2775	GAGTACCATGAGATGGGGGGCAAGGTGCCATCAAGTGAATGGGGCTGGAGTCCATTCTC	2834
QY	661	CGCGGCGGGTTCACCCACACAGAGTATGTGTGAGATTATGGTGTGACTGTGTGGAGCTG	720
Db	2835	CGCGGCGGGTTCACCCACACAGAGTATGTGTGAGATTATGGTGTGACTGTGTGGAGCTG	2894
QY	721	ATGACTTTTGGGGCCAAACCTTACGATGGATCCAGCCGGGAGATCCCTGACTGTG	780
Db	2895	ATGACTTTTGGGGCCAAACCTTACGATGGATCCAGCCGGGAGATCCCTGACTGTG	2954
QY	781	GAAAGGGGGAGCGGGCTGCCACCCCCCATCTGACACATTGATGTCTAATATATATG	840
Db	2955	GAAAGGGGGAGCGGGCTGCCACCCCCCATCTGACACATTGATGTCTAATATATATG	3014
QY	841	GTCAATATGTTGATGATGATTGACTCTGAAATGTGTGGCCAAAGATTCCGGGAGTTGGTCTTGA	900
Db	3015	GTCAATATGTTGATGATGATTGACTCTGAAATGTGTGGCCAAAGATTCCGGGAGTTGGTCTTGA	3074
QY	901	TTCTTCCGCGATGGCCAGGGACCCCACGGCTTTGTGTATATCAAGATGAGGACTTGGGC	960
Db	3075	TTCTTCCGCGATGGCCAGGGACCCCACGGCTTTGTGTATATCAAGATGAGGACTTGGGC	3134
QY	961	CCAGCCAGTCCCTTTGACAGACACTTTACCGGCTACCTGTGTGAGAGACGATGACATGGGG	1020
Db	3135	CCAGCCAGTCCCTTTGACAGACACTTTACCGGCTACCTGTGTGAGAGACGATGACATGGGG	3194
QY	1021	GACTGTGGAGTGTCTGAGGAGTATCTGGTATCCGACGAGGGCTTTCTGTCTCAAGCCCT	1080
Db	3195	GACTGTGGAGTGTCTGAGGAGTATCTGGTATCCGACGAGGGCTTTCTGTCTCAAGCCCT	3254
QY	1081	GCCCCGGGCGCTGGGGGGCATGTGTCCACCACAGGACCCGACAGCTATCTTACAGAGATGGCC	1140
Db	3255	GCCCCGGGCGCTGGGGGGCATGTGTCCACCACAGGACCCGACAGCTATCTTACAGAGATGGCC	3314
QY	1141	GGTGGGGACCTGACACTAGGGCTGAGGCTCTCTGTAAGAGAGGCCCCCAAGTCTTCACTG	1200
Db	3315	GGTGGGGACCTGACACTAGGGCTGAGGCTCTCTGTAAGAGAGGCCCCCAAGTCTTCACTG	3374
QY	1201	GCAACCTTCCGAGGGGGCTGCTCCGATGTATTGTAATGTGTGACTGTGGGATGGGGGCGGCC	1266
Db	3375	GCAACCTTCCGAGGGGGCTGCTCCGATGTATTGTAATGTGTGACTGTGGGATGGGGGCGGCC	3434
QY	1261	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC	1320
Db	3435	AAGGGGCTGCAAAAGCTTCCCAACATGACCCCAAGCCCTCTTACAGCGGTACAGTGAAGAC	3494
QY	1321	CCCAACGTAACCTCTGCGCTCTTGAGACTGATGAGTACGTTGTCCCTCCCTGACTCGAGCCCC	1380
Db	3495	CCCAACGTAACCTCTGCGCTCTTGAGACTGATGAGTACGTTGTCCCTCCCTGACTCGAGCCCC	3554
QY	1381	CAGCTGTAAATGTGGAACCAAGCCAGATGTTGTGGCCCCAGCCCCCTTGTGCCCCCGAGAAGGC	1440
Db	3555	CAGCTGTAAATGTGGAACCAAGCCAGATGTTGTGGCCCCAGCCCCCTTGTGCCCCCGAGAAGGC	3614
QY	1441	CCTCTGCTGTGCTCCGACCTGTGTGTGTGCACTGTGAAGAGGCCAAGACTCTCTCCCA	1500
Db	3615	CCTCTGCTGTGCTCCGACCTGTGTGTGTGCACTGTGAAGAGGCCAAGACTCTCTCCCA	3674
QY	1501	GGGAAGATGGGGTGTCTCAAGACGTTTTTGTCTTTGGGGGTGCGCTGAGAACCCCGAG	1560

Accession	Sequence	Position
Dd	GGGAGAAATGGGGTCGTCAAGAGCTTTTTCCTTTGGGGGTGCGTGGAGAACCCGAG	373-4
Qy	TACTTGAACACCCGAGGAGAGCTGCCCTCAGGCCACCTCTCTGCTTCAGGCCA	162-0
Dd	TACTTGACACCCGAGGAGAGCTGCCCTCAGGCCACCTCTCTGCTTCAGGCCA	379-4
Qy	GCTTCGACCACTCTTACTTGAGACCAAGACCCACCAAGACGGGGGGCTCCACCCAGC	168-0
Dd	GCTTCGACCACTCTTACTTGAGACCAAGACCCACCAAGACGGGGGGCTCCACCCAGC	385-4
Qy	ACCTTCAAAGGACACCTACGGCAGAGAACCAAGTACTGGGTCTGAGAGTCCAGTG	174-0
Dd	ACCTTCAAAGGACACCTACGGCAGAGAACCAAGTACTGGGTCTGAGAGTCCAGTG	391-4

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RESULT 40
US-09-971-392-70
: Sequence 70, Application US/09971392
: Publication NO. US20030134283A1
: GENERAL INFORMATION:
: APPLICANT: Peterson, David P.
: APPLICANT: Peterson, Cecelia I.
: APPLICANT: Cocke, Benjamin G.
: TITLE OF INVENTION: GENES REGULATED IN DENDRITIC CELL DIFFERENTIATION
: FILE REFERENCE: PA-0029 US
: CURRENT APPLICATION NUMBER: US/09/971.392
: CURRENT FILING DATE: 2001-10-03
: PRIOR APPLICATION NUMBER: 60/237,652
: PRIOR FILING DATE: 2000-10-03
: NUMBER OF SEQ ID NOS: 260
: SOFTWARE: PERL Program
: SEQ ID NO 70
: LENGTH: 4606
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc feature
: OTHER INFORMATION: Template ID: 276948.4
US-09-971-392-70

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Query Match	Similarity	98.7%	Score 1718;	DB 10;	Length 4606;
Best Local Match	Similarity	99.9%	Pred. No. 0;		
Matches 1740;	Conservative	0;	Mismatches	0;	Indels 2;
					Gaps 2;
QY	1	AAGCAGCGCAGCAGAAAGATCCGGAAGTACACGATGCGGAGACTGCTGCAGAGAAACGAG	60		
Db	2244	AAGCAGCGCAGCAGAAAGATCCGGAAGTACACGATGCGGAGACTGCTGCAGAGAAACGAG	2303		
QY	61	CTGTGTGAGGCGCTGTGACACCTTAGGGGAGCCATGCCCCAACGAGGGGAGATGGGATCCTG	120		
Db	2304	CTGTGTGAGGCGCTGTGACACCTTAGGGGAGCCATGCCCCAACGAGGGGAGATGGGATCCTG	2363		
QY	121	AAAGAGACGAGAGCTGAGGAAAGGTGAAAGGTGTTGATCTGGCGCTTTTGGCAGCAGTCTAC	180		
Db	2364	AAAGAGACGAGAGCTGAGGAAAGGTGAAAGGTGTTGATCTGGCGCTTTTGGCAGCAGTCTAC	2423		
QY	181	AAGGCGCATCTTGATTCCTGATGGGAGATGTGAAATTCAGTGGCCATMAAGTGTG	240		
Db	2424	AAGGCGCATCTTGATTCCTGATGGGAGATGTGAAATTCAGTGGCCATMAAGTGTG	2483		
QY	241	AGGGAACACATCCGCCCAAAAGCCAAACAAAGAAATCTTAGACGAAAGCATAGTATGGCT	300		
Db	2484	AGGGAACACATCCGCCCAAAAGCCAAACAAAGAAATCTTAGACGAAAGCATAGTATGGCT	2543		
QY	301	GGTGTGGGCTCCCCATATGTCTCCCGCTTCGGGCAATCTGCTGACATCCAGGG-TGCA	359		
Db	2544	GGTGTGGGCTCCCCATATGTCTCCCGCTTCGGGCAATCTGCTGACATCCAGGGCTGCA	2603		
QY	360	GCTGTGTACACAGCTTATGCCCCCTTAGTGGCTGCTCTTAGACCATATCCGGGAAAAACGGCG	419		
Db	2604	GCTGTGTACACAGCTTATGCCCCCTTAGTGGCTGCTCTTAGACCATATCCGGGAAAAACGGCG	2663		

QY 420 ACCGCTGGGCTCCAGGACCTGCTGAACTGAGTATGCAATTGCCAAGGGATGACCTA 479  
Db 2664 ACCGCTGGGCTCCAGGACCTGCTGAACTGAGTATGCAATTGCCAAGGGATGACCTA 2723  
QY 480 CTTGGAGGATGTCGGGCTCGTACACAGGACTTGGCCGCTCCGAACTGCTGGTCAAG 539  
Db 2724 CTTGGAGGATGTCGGGCTCGTACACAGGACTTGGCCGCTCCGAACTGCTGGTCAAG 2783  
QY 540 TCCCAACCATGTCAAAATTACAGACTTCGGGCTGGCTCGGCTGTGCACTTGAAGAG 599  
Db 2784 TCCCAACCATGTCAAAATTACAGACTTCGGGCTGGCTCGGCTGTGCACTTGAAGAG 2843  
QY 600 AAGATACCATGACAGATGGGGGCAAGTCCCAT-CAAGTGAATGGCGCTGAGTCCATT 658  
Db 2844 AAGATACCATGACAGATGGGGGCAAGTCCCATGAGTGAATGGCGCTGAGTCCATT 2903  
QY 659 TCCGCGCGCGGTTCAACCAAGATGATGTGGAACTTAATGCTGATCACTGTGGAGC 718  
Db 2904 TCCGCGCGCGGTTCAACCAAGATGATGTGGAACTTAATGCTGATCACTGTGGAGC 2963  
QY 719 TGAATCTTTGGGGCCAAACTTTACAGATGGGATCCAGCCGGAGATCCCTGACCTGC 778  
Db 2964 TGAATCTTTGGGGCCAAACTTTACAGATGGGATCCAGCCGGAGATCCCTGACCTGC 3023  
QY 779 TGGAAAAGGGGAGCGGCTGCGCCCAAGCCCCCATCTGCAACCATGATGTCTACATGATCA 838  
Db 3024 TGGAAAAGGGGAGCGGCTGCGCCCAAGCCCCCATCTGCAACCATGATGTCTACATGATCA 3083  
QY 839 TGTGCAAAATTTGATATGATTTGACTCTGAATGTGGCCAAAGATTCGGGAGTGTGTCTG 898  
Db 3084 TGTGCAAAATTTGATATGATTTGACTCTGAATGTGGCCAAAGATTCGGGAGTGTGTCTG 3143  
QY 899 AATTCTCCCGCATGGCCAGGAGACCCCGAGCGCTTTGTGTCATCCAGAAATGAGGACTTGG 958  
Db 3144 AATTCTCCCGCATGGCCAGGAGACCCCGAGCGCTTTGTGTCATCCAGAAATGAGGACTTGG 3203  
QY 959 GCCCAGCAGTCCCTTGGAGACGACTTTCTACCGCTCACTGCTGAGAGACGATGACATGG 1018  
Db 3204 GCCCAGCAGTCCCTTGGAGACGACTTTCTACCGCTCACTGCTGAGAGACGATGACATGG 3263  
QY 1019 GGGACCTGTGTGATGCTGAGAGATCTGTGTAACCCGACAGGGCTTCTTCTGTCCAGACC 1078  
Db 3264 GGGACCTGTGTGATGCTGAGAGATCTGTGTAACCCGACAGGGCTTCTTCTGTCCAGACC 3323  
QY 1079 CTGCCCCGGGCGCTGGGGGACATGCTCCACCAAGGACCGGAGCTCATCTACAGAGTG 1138  
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QY 1139 GCGGTGGGGAACCTGACACTAAGGGCTGAGGCCCTCTGAAGAAGAGGCCCCAGGTCTCCAC 1198  
Db 3384 GCGGTGGGGAACCTGACACTAAGGGCTGAGGCCCTCTGAAGAAGAGGCCCCAGGTCTCCAC 3443  
QY 1199 TGGCAACCTTCGGAAGGGGCTTGGCTCCGATGTAATTGATGTGACCTGGGAAATGGGGGAG 1258  
Db 3444 TGGCAACCTTCGGAAGGGGCTTGGCTCCGATGTAATTGATGTGACCTGGGAAATGGGGGAG 3503  
QY 1259 CCAAGGGGCTGCAAAAGGCTCCCAACATGACCCGAGGCCCTTACAGGGGATCAGTGAGG 1318  
Db 3504 CCAAGGGGCTGCAAAAGGCTCCCAACATGACCCGAGGCCCTTACAGGGGATCAGTGAGG 3563  
QY 1319 ACCCCACAGTACCCCTGCTGAGACTGAATGGCTAAGTTGCGCCCTGACCTGAGGCC 1378  
Db 3564 ACCCCACAGTACCCCTGCTGAGACTGAATGGCTAAGTTGCGCCCTGACCTGAGGCC 3623  
QY 1379 CCCAGCTGAAATATGTAACCAAGCAGATGTTGGGCCCCAGCCCCCTTGGCCCCGAGAGG 1438  
Db 3624 CCCAGCTGAAATATGTAACCAAGCAGATGTTGGGCCCCAGCCCCCTTGGCCCCGAGAGG 3683  
QY 1439 GCCCTTGCCTGCTGACCGGACCTGTGCTGCACTTGAAGAAGGCCCAAGACTCTCTCCC 1498  
Db 3684 GCCCTTGCCTGCTGACCGGACCTGTGCTGCACTTGAAGAAGGCCCAAGACTCTCTCCC 3743  
QY 1499 CAGGGAAGAAATGGGCTGTCAAAAGCGTTTTTGGCTTTGGGGGTGCCGTGAGAACCCCG 1558

Db 3744 CAGGGAAGAAATGGGCTGTCAAAAGCGTTTTTGGCTTTGGGGGTGCCGTGAGAACCCCG 3803  
QY 1559 AGTACTTGACACCCGAGGAGAGCTGCCCCCTCAGCCCCCACTCTCTGCTGCTGAGCC 1618  
Db 3804 AGTACTTGACACCCGAGGAGAGCTGCCCCCTCAGCCCCCACTCTCTGCTGCTGAGCC 3863  
QY 1619 CAGCCTTGCACAACTTATTTACTGGGACCAAGACCACCAAGCCGGGGGCTCCACCA 1678  
Db 3864 CAGCCTTGCACAACTTATTTACTGGGACCAAGACCACCAAGCCGGGGGCTCCACCA 3923  
QY 1679 GCACCTTCAAGGAGACCTTACCGGCAAGAACCAAGTACCTGGGTCTGGAAGTGGCAG 1738  
Db 3924 GCACCTTCAAGGAGACCTTACCGGCAAGAACCAAGTACCTGGGTCTGGAAGTGGCAG 3983  
QY 1739 TG 1740  
Db 3984 TG 3985

Search completed: January 23, 2005, 05:50:20  
Job time : 997 secs